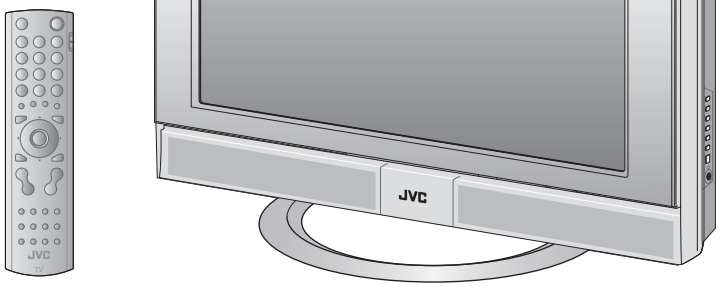
JVC

# SERVICE MANUAL

## WIDE LCD PANEL TELEVISION

# LT-37M60BU, LT-37M60BU/P, LT-37M60ZU, LT-37M60ZU/P

| BASIC CHASSIS |
| --- |
| FL2 |



### TABLE OF CONTENTS


1 PRECAUTION . . . . . 1-3
2 SPECIFIC SERVICE INSTRUCTIONS . . . . . 1-6
3 DISASSEMBLY . . . . . 1-11
4 ADJUSTMENT . . . . . 1-18
5 TROUBLESHOOTING . . . . . 1-25


COPYRIGHT © 2005 Victor Company of Japan, Limited

No.YA360
2005/11

# SPECIFICATION

| Items | | Contents |
|---|---|---|
| Dimensions ( W × H × D ) | | 92.6 cm × 68.9 cm × 29.7 cm [Included stand]<br>92.6 cm × 63.1 cm × 10.8 cm [TV only] |
| Mass | | 26.2 kg [Included stand]<br>20.7 kg [TV only] |
| Power Input | | AC110V - AC240 V, 50 Hz / 60 Hz |
| Power Consumption | | 173 W (Standby: 2.6 W) |
| TV RF System | | CCIR B/G, I, D/K, L |
| Colour System | | PAL / SECAM / NTSC 3.58 / NTSC 4.43 (NTSC: EXT only). |
| Stereo System | | A2 (B/G, D/K), NICAM (B/G, I, D/K, L) |
| Teletext System | | FLOF (Fastext), TOP, WST (World Standard System) |
| Receiving Frequency | VHF<br>UHF<br>CATV | 47MHz to 470MHz<br>470MHz to 862MHz<br>116MHz to 172MHz / 220MHz to 469MHz |
| Intermediate Frequency | VIF<br>SIF | 38.9MHz(B/G, D/K, I)<br>33.4MHz(5.5MHz:B/G) / 32.9MHz(6.0MHz:I) / 32.4MHz(6.5MHz:L,D/K) |
| Colour Sub Carrier Frequency | PAL<br>SECAM<br>NTSC | 4.43MHz<br>4.40625MHz / 4.25MHz<br>3.58MHz / 4.43MHz |
| LCD panel | | 37V-inch wide aspect (16 : 9) |
| Screen Size | | Diagonal : 94.0 cm (H: 82.6 cm × V: 46.1 cm) |
| Display Pixels | | Horizontal : 1366 dots × Vertical : 768 dots (W-XGA) |
| Audio Power Output | | 10 W + 10 W |
| Speaker | | 6.6 cm, round type × 2 (Oblique corn) |
| Aerial terminal (VHF/UHF) | | 75 Ω unbalanced, coaxial |
| EXT-1 / EXT-2 (Input / Output) | | 21-pin Euro connector (SCART socket ) × 2 |
| EXT-3 (Input) | S-Video<br><br><br>Video<br>Audio | Mini-DIN 4 pin × 1<br>Y: 1 V (p-p), Positive (Negative sync provided), 75 Ω<br>C: 0.286 V (p-p) (Burst signal), 75 Ω<br>1 V (p-p), Positive (Negative sync provided), 75 Ω, RCA pin jack × 1<br>500 mV (rms), High impedance, RCA pin jack × 2 |
| EXT-4 (Input) | Component Video<br>750p / 1125i<br><br>625p / 525p / 625i / 525i<br><br>Audio | RCA pin jack × 3<br>Y : 1 V (p-p) (Sync signal: ±0.35V(p-p), 3-value sync.), 75Ω<br>Pb/Pr : ±0.35V(p-p), 75 Ω<br>Y : 1 V (p-p), Positive (Negative sync provided), 75 Ω<br>Cb/Cr : 0.7V(p-p), 75 Ω<br>500 mV(rms) (-4dBs), high impedance, RCA pin jack × 2 |
| HDMI Input | Video<br><br>Audio | HDMI 2-row 19pin connector × 1<br>(Digital-input terminal is not compatible with picture signals of personal computer)<br>Digital: HDMI 2-row 19pin connector × 1<br>Anarog: 500mV(rms) (-4dBs), high impedance, RCA pin jack × 2 |
| PC (RGB) Input | | D-sub 15 pin × 1<br>R/G/B : 0.7 V (p-p), 75Ω<br>HD / VD : 1 V (p-p) to 5 V (p-p), high impedance<br>< Available signal ><br>VGA : 640 pixels × 480 pixels (Horizontal : 31.5 kHz / Vertical : 60 Hz)<br>XGA : 1024 pixels × 768 pixels (Horizontal : 48.4 kHz / Vertical : 60 Hz) |
| Audio output | | 500 mV (rms), Low impedance, RCA pin jack × 2 |
| Headphone | | 3.5 mm stereo mini jack × 1 |
| Remote Control Unit | | RM-C1811H (AA/R6 dry cell battery × 2) |

Design & specifications are subject to change without notice.

# SECTION 1
# PRECAUTION

## 1.1 SAFETY PRECAUTIONS

(1) The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.

(2) Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.

(3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by ( ⚠ ) on the parts list in Service manual**. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.

(4) **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : ( ⊥ ) side GND, the ISOLATED (NEUTRAL) : ( ⏚ ) side GND and EARTH : ( ⏚ ) side GND.
Don't short between the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND and never measure the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND at the same time with a measuring apparatus (oscilloscope etc.). If above note will not be kept, a fuse or any parts will be broken.

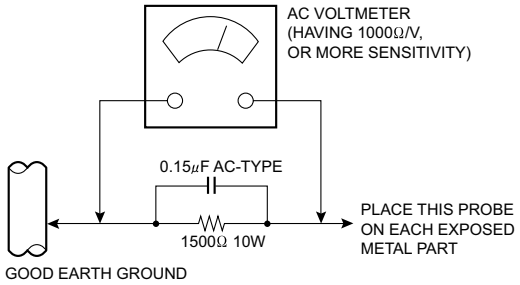
(5) When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

(6) **Isolation Check (Safety for Electrical Shock Hazard)**
After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screw heads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

a) **Dielectric Strength Test**
The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 3000V AC (r.m.s.) for a period of one second. (. . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.)
This method of test requires a test equipment not generally found in the service trade.

b) **Leakage Current Check**
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.).
However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

**Alternate Check Method**
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000Ω per volt or more sensitivity in the following manner. Connect a 1500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.).
However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).



## 1.2 INSTALLATION

### 1.2.1 HEAT DISSIPATION

If the heat dissipation vent behind this unit is blocked, cooling efficiency may deteriorate and temperature inside the unit will rise. The temperature sensor that protects the unit will be activated when internal temperature exceeds the pre-determined level and power will be turned off automatically.Therefore, please make sure pay attention not to block the heat dissipation vent as well as the ventilation outlet behind the unit and ensure that there is room for ventilation around it.

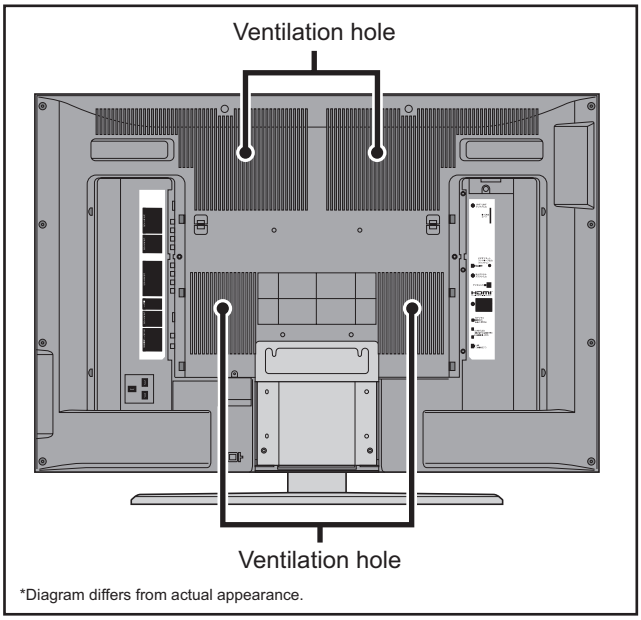



*Diagram differs from actual appearance.

### 1.2.2 INSTALLATION REQUIREMENTS

Ensure that the minimal distance is maintained, as specified below, between the unit with and the surrounding walls, as well as the floor etc.Install the unit on stable flooring or stands.Take precautionary measures to prevent the unit from tipping in order to protect against accidents and earthquakes.

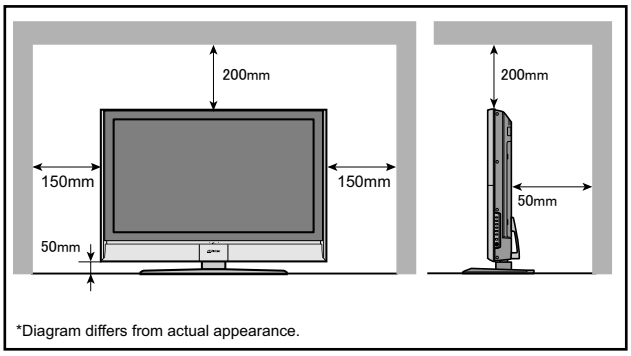



*Diagram differs from actual appearance.

### 1.2.3 INSTALLATION REQUIREMENTS

To ensure safety in an emergency such as an earthquake, and to prevent accidents, ensure that measures are taken to prevent the TV dropping or falling over.
Tie commercially available tough cord(s) to the hooks in the back of the TV, and fix the TV to solid walls or columns.

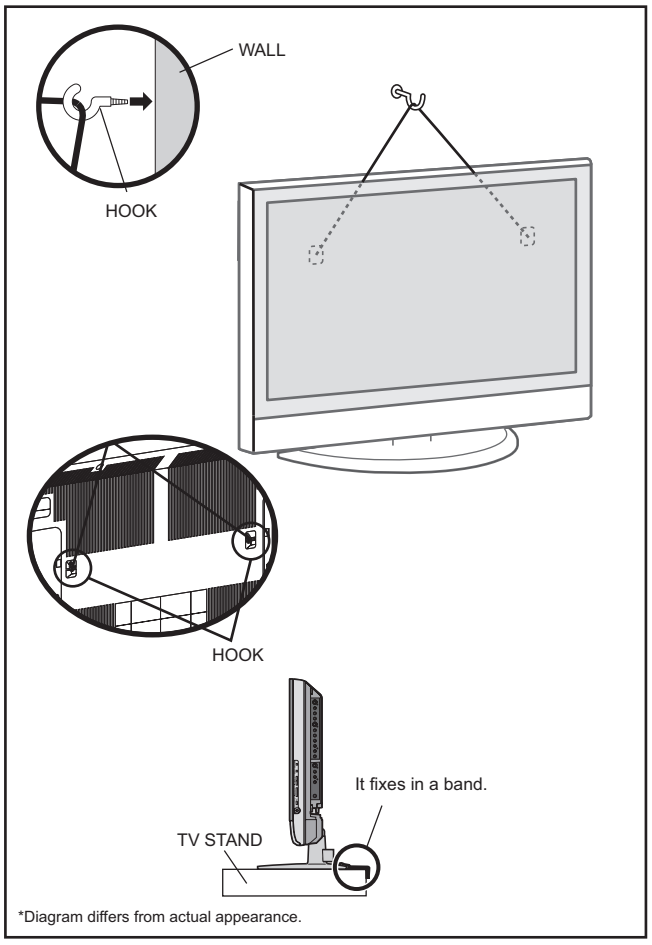



*Diagram differs from actual appearance.

### 1.2.4 NOTES ON HANDLING

(1) WHEN TAKING UNIT OUT OF A PACKING CASE
When taking the unit out of a packing case, do not grasp the upper part of the unit. If you take the unit out while grasping the upper part, the LCD PANEL may be damaged because of a pressure. Instead of grasping the upper part, put your hands on the lower backside or sides of the unit.

(2) AS FOR PRESSING OR TOUCHING A SPEAKER
Be careful not to press the opening of the speaker in the lower part of the unit and around them since the decorative sheet on the surface of the openings may be deformed.

## 1.3 HANDLING LCD PANEL

### 1.3.1 PRECAUTIONS FOR TRANSPORTATION

When transporting the unit, pressure exerted on the internal LCD panel due to improper handling (such as tossing and dropping) may cause damages even when the unit is carefully packed. To prevent accidents from occurring during transportation, pay careful attention before delivery, such as through explaining the handling instructions to transporters.

Ensure that the following requirements are met during transportation, as the LCD panel of this unit is made of glass and therefore fragile:

(1) USE A SPECIAL PACKING CASE FOR THE LCD PANEL
When transporting the LCD panel of the unit, use a special packing case (packing materials). A special packing case is used when a LCD panel is supplied as a service spare part.

(2) ATTACH PROTECTION SHEET TO THE FRONT
Since the front (display part) of the panel is vulnerable, attach the protection sheet to the front of the LCD panel before transportation. Protection sheet is used when a LCD panel is supplied as a service spare part.

(3) AVOID VIBRATIONS AND IMPACTS
The unit may be broken if it is toppled sideways even when properly packed. Continuous vibration may shift the gap of the panel, and the unit may not be able to display images properly. Ensure that the unit is carried by at least 2 persons and pay careful attention not to exert any vibration or impact on it.

(4) DO NOT PLACE EQUIPMENT HORIZONTALLY
Ensure that it is placed upright and not horizontally during transportation and storage as the LCD panel is very vulnerable to lateral impacts and may break. During transportation, ensure that the unit is loaded along the traveling direction of the vehicle, and avoid stacking them on one another. For storage, ensure that they are stacked in 2 layers or less even when placed upright.

### 1.3.2 OPTICAL FILTER (ON THE FRONT OF THE LCD PANEL)

(1) Avoid placing the unit under direct sunlight over a prolonged period of time. This may cause the optical filter to deteriorate in quality and COLOUR.

(2) Clean the filter surface by wiping it softly and lightly with a soft and lightly fuzz cloth (such as outing flannel).

(3) Do not use solvents such as benzene or thinner to wipe the filter surface. This may cause the filter to deteriorate in quality or the coating on the surface to come off. When cleaning the filter, usually use the neutral detergent diluted with water. When cleaning the dirty filter, use water-diluted ethanol.

(4) Since the filter surface is fragile, do not scratch or hit it with hard materials. Be careful enough not to touch the front surface, especially when taking the unit out of the packing case or during transportation.

### 1.3.3 PRECAUTIONS FOR REPLACEMENT OF EXTERIOR PARTS

Take note of the following when replacing exterior parts (REAR COVER, FRONT PANEL, etc.):

(1) Do not exert pressure on the front of the LCD panel (filter surface). It may cause irregular COLOUR.

(2) Pay careful attention not to scratch or stain the front of the LCD panel (filter surface) with hands.

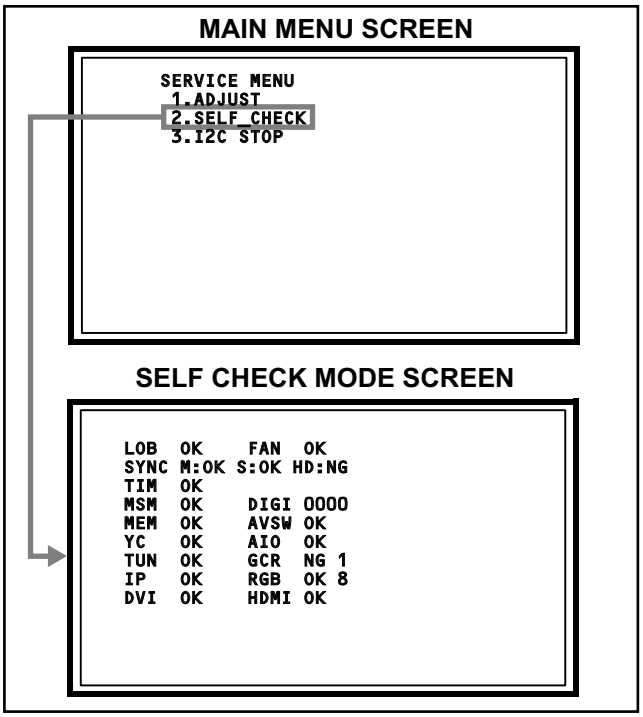
(3) When replacing exterior parts, the front (LCD panel) should be placed facing downward. Place a mat, etc. underneath to avoid causing scratches to the front (filter surface).

# SECTION 2
# SPECIFIC SERVICE INSTRUCTIONS

## 2.1 SYSTEM SETTEING

**Be sure to carry out the following operation at the end of the procedure.**

(1) Press the **[INFORMATION]** key and **[MUTING]** key simultaneously, then enter the SERVICE MODE.
(2) When the Main Menu is displayed, press **[2]** key to enter the self check mode.
(3) Turn off the power by pressing the **[POWER]** key on the remote control unit.




## 2.2 FEATURES

**D.I.S.T. (Digital Image Scaling Technology)**
This system uses line interpolation to double the number of scanning lines and achieve high resolution, flicker-free picture.

**COLOUR MANAGEMENT**
This function ensures dull colours are compensated to produce natural hues.

**PICTURE MANAGEMENT**
This function makes it easier to see the dark areas when a picture has many dark areas, and makes it easier to see the bright areas when a picture has many bright areas.

**ZOOM**
This function can change the screen size according to the picture aspect ratio.

**DIGITAL VNR**
This function cuts down the amount of noise in the original picture.

**SUPER DIGIPURE**
This function uses the latest in digital technology to give you a natural-looking picture.

**MOVIE THEATRE**
This function displays a cinema film picture more smoothly and naturally on the screen.

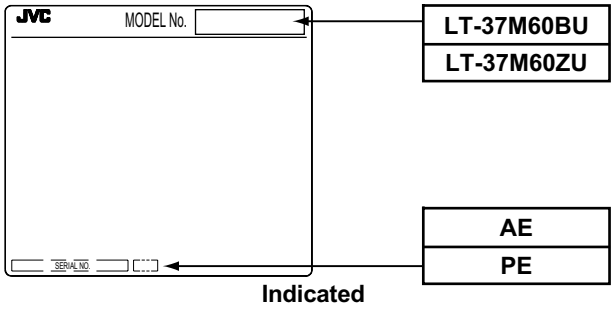
**3D CINEMA SOUND**
You can enjoy sounds with a widerambience.

## 2.3 MAIN DIFFERENCE LIST

| Item | LT-37M60BU | LT-37M60BU/P | LT-37M60ZU | LT-37M60ZU/P |
|---|---|---|---|---|
| CABINET COLOUR | SILVER / BLACK | ← | BLACK | ← |
| STAND COLOUR | SILVER / BLACK | ← | BLACK | ← |
| DIGITAL SIGNAL PWB | SFL0D234A-U2 | LCA10557-67A (SFL-0D234A) | SFL0D234A-U2 | LCA10557-67A (SFL-0D234A) |

### 2.4 HOW TO IDENTIFY MODELS

**LT-37M60BU and LT-37M60ZU: "AE" is added to the serial No. after at the Rating label.**
**LT-37M60BU/P and LT-37M60ZU/P: "PE" is added to the serial No. after at the Rating label.**



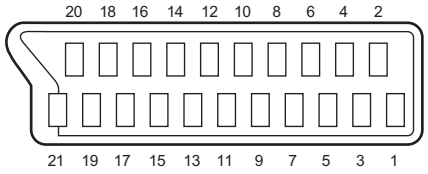

**Indicated**

### 2.5 21-PIN EURO CONNECTOR (SCART) : EXT-1 / EXT-2

| Pin No. | Signal designation | Matching value | EXT-1 | EXT-2 |
|---|---|---|---|---|
| 1 | AUDIO R output | 500mV(rms) (Nominal), Low impedance | Used (TV OUT) | Used (LINE OUT) |
| 2 | AUDIO R input | 500mV(rms) (Nominal), High impedance | Used (R1) | Used (R2) |
| 3 | AUDIO L output | 500mV(rms) (Nominal), Low impedance | Used (TV OUT) | Used (LINE OUT) |
| 4 | AUDIO GND | | Used | Used |
| 5 | GND (B) | | Used | Used |
| 6 | AUDIO L input | 500mV(rms) (Nominal), High impedance | Used (L1) | Used (L2) |
| 7 | B input | $700mV_{(B-W)}$, 75Ω | Used | Used |
| 8 | FUNCTION SW (SLOW SW) | Low : 0V-3V<br>High : 8V-12V, High impedance | Used | Used |
| 9 | GND (G) | | Used | Used |
| 10 | SCL / T-V LINK | | Not used | Used (SCL2 / TV-LINK) |
| 11 | G input | $700mV_{(B-W)}$, 75Ω | Used | Used |
| 12 | SDA | | Not used | Used (SDA2) |
| 13 | GND (R) | | Used | Used |
| 14 | GND (YS) | | Used | Not used |
| 15 | R / C input | R : $700mV_{(B-W)}$, 75Ω<br>C : $300mV_{(P-P)}$, 75Ω | Used (R) | Used (C2/R) |
| 16 | Ys input (FAST SW) | Low : 0V-0.4V, High : 1V-3V, 75Ω | Used | Used |
| 17 | GND (VIDEO output) | | Used | Used |
| 18 | GND (VIDEO input) | | Used | Used |
| 19 | VIDEO output | $1V_{(P-P)}$ (Negative sync), 75Ω | Used (TV OUT) | Used (LINE OUT) |
| 20 | VIDEO / Y input | $1V_{(P-P)}$ (Negative sync), 75Ω | Used | Used |
| 21 | COMMON GND | | Used | Used |

(P-P= Peak to Peak, B-W= Blanking to white peak)

[Pin assignment]



## 2.6 TECHNICAL INFORMATION

### 2.6.1 LCD PANEL

This unit uses the flat type panel LCD (Liquid Crystal Display) panel that occupies as little space as possible, instead of the conventional CRT (Cathode Ray Tube), as a display unit.
Since the unit has the two polarizing filter that are at right angles to each other, the unit adopts "normally black" mode, where light does not pass through the polarizing filter and the screen is black when no voltage is applied to the liquid crystals.

#### 2.6.1.1 SPECIFICATIONS

The following table shows the specifications of this unit.

| Item | Specifications |
|---|---|
| Maximum dimensions ( W × H × D ) | 877.0 mm × 514.6 mm × 56.0 mm |
| Weight | 8.5 kg |
| Effective screen size | Diagonal: 940 mm (H: 819.6 mm × V: 460.8 mm) |
| Aspect ratio | 16 : 9 |
| Drive device / system | a-Si-TFT active matrix system |
| Resolution | Horizontally 1366 × Vertically 768 × RGB < W-XGA > 3147264 dots in total |
| Pixel pitch (pixel size) | Horizontally: 0.6 mm Vertically: 0.6 mm |
| Displayed colour | 16777216 colours 256 colours for R G and B |
| Brightness | 500cd/m2 |
| Contrast ratio | 1050 : 1 |
| Response time | less than 12ms |
| View angle | Horizontally: 176° Vertically: 176° |
| Surface polarizer | Anti-Glare type Low reflective coat |
| Colour filter | Vertical stripe |
| Backlight | Direct-type Cold cathode fluorescent lamp × 18 |
| Power supply voltage in LCD | 5 V |
| Power supply voltage in inverter | 24 V |
| Panel interface system | LVDS (Low Voltage Differential Signaling) |

#### 2.6.1.2 PIXEL FAULT

There are three pixel faults - bright fault , dark fault and flicker fault - that are respectively defined as follows.

■ **BRIGHT FAULT**

In this pixel fault, a cell that should not light originally is lighting on and off.
For checking this pixel fault, input ALL BLACK SCREEN and find out the cell that is lighting on and off.

■ **DARK FAULT**

In this pixel fault, a cell that should light originally is not lighting or lighting with the brightness twice as brighter as originally lighting.
For checking this pixel fault, input 100% of each R/G/B colour and find out the cell that is not lighting.

■ **FLICKER FAULT**

In the pixel fault, a cell that should light originally or not light originally is flashing on and off.
For checking this pixel fault, input ALL BLACK SCREEN signal or 100% of each RGB colour and find out the cell that is flashing on and off.

### 2.6.2 MAIN CPU PIN FUNCTION [IC7501 : DIGITAL SIGNAL PWB]

| Pin | Pin name | I/O | Function | Pin | Pin name | I/O | Function |
|---|---|---|---|---|---|---|---|
| 1 | TCK | I | Test purpose | 65 | D2 | I/O | Program ROM data for main CPU |
| 2 | TMS | I | Test purpose | 66 | D12 | I/O | Program ROM data for main CPU |
| 3 | TDI | I | Test purpose | 67 | D10 | I/O | Program ROM data for main CPU |
| 4 | TDO | O | Test purpose | 68 | VSS33 | - | GND |
| 5 | P2.8 | O | Not used | 69 | VDD33 | I | 3.3V |
| 6 | P2.9 | O | Blue for OSD | 70 | D4 | I/O | Program ROM data for main CPU |
| 7 | P2.10 | O | Blue for OSD | 71 | D3 | I/O | Program ROM data for main CPU |
| 8 | P2.11 | O | Blue for OSD | 72 | D11 | I/O | Program ROM data for main CPU |
| 9 | P2.12 | O | Blue for OSD | 73 | RSTIN | I | Reset |
| 10 | P2.13 | O | Blue for OSD | 74 | POWER | O | Sleep state release for chassis CPU [Relese : L] |
| 11 | P2.14 | I | Not used | 75 | P3.1 | O | Not used |
| 12 | P2.15 | O | Request for chassis CPU communication | 76 | REMOCON | I | Remote control |
| 13 | VSS33 | - | GND | 77 | P3.3 | I | Clock for OSD |
| 14 | VDD33 | I | 3.3V | 78 | P3.4 | O | Red for OSD |
| 15 | P4.5 | O | Not used | 79 | P3.5 | O | Red for OSD |
| 16 | A20 | O | Program ROM address for main CPU | 80 | P3.6 | O | Red for OSD |
| 17 | A19 | O | Program ROM address for main CPU | 81 | P3.7 | O | Red for OSD |
| 18 | A18 | O | Program ROM address for main CPU | 82 | MTST | O | Data transmission for chassis CPU communication |
| 19 | A17 | O | Program ROM address for main CPU | 83 | MTSR | I | Data receive for chassis CPU communication |
| 20 | VSS25 | - | GND | 84 | VSS33 | - | GND |
| 21 | VDD25 | I | 2.5V | 85 | VDD33 | I | 3.3V |
| 22 | A16 | O | Program ROM address for main CPU | 86 | VSS25 | - | GND |
| 23 | A8 | O | Program ROM address for main CPU | 87 | VDD25 | I | 2.5V |
| 24 | A7 | O | Program ROM address for main CPU | 88 | TXD0 | O | Communication for adjustment |
| 25 | A9 | O | Program ROM address for main CPU | 89 | RXD0 | O | Communication for adjustment |
| 26 | A6 | O | Program ROM address for main CPU | 90 | P3.12 | O | Red for OSD |
| 27 | A5 | O | Program ROM address for main CPU | 91 | CLK | O | Clock for chassis CPU communication |
| 28 | A10 | O | Program ROM address for main CPU | 92 | P3.15 | O | Green for OSD |
| 29 | A11 | O | Program ROM address for main CPU | 93 | P5.14 | O | Green for OSD |
| 30 | A12 | O | Program ROM address for main CPU | 94 | P5.15 | O | Green for OSD |
| 31 | VSS33 | - | GND | 95 | TRIG_IN | O | Green for OSD |
| 32 | VDD33 | I | 3.3V | 96 | TRIG_OUT | O | Green for OSD |
| 33 | A4 | O | Program ROM address for main CPU | 97 | P6.2 | O | Green for OSD |
| 34 | A3 | O | Program ROM address for main CPU | 98 | P6.3 | O | $I^2C$ bus clock (for main memory) |
| 35 | A2 | O | Program ROM address for main CPU | 99 | P6.4 | I/O | $I^2C$ bus Data (for main memory) |
| 36 | A1 | O | Program ROM address for main CPU | 100 | P6.5 | O | Teletext signal select [Analog RGB : H / Digital RGB : L] |
| 37 | A0 | O | Program ROM address for main CPU | 101 | IRQ | O | Not used |
| 38 | A13 | O | Program ROM address for main CPU | 102 | VSYNC | I | Vertical sync |
| 39 | ARAS/A14 | O | Program ROM address for main CPU | 103 | HSYNC | I | Horizontal sync |
| 40 | CAS/A15 | O | Program ROM address for main CPU | 104 | COR/RSTOUT | O | Not used |
| 41 | VSS33 | - | GND | 105 | BLANK | O | Ys for OSD / Teletext |
| 42 | VDD33 | I | 3.3V | 106 | VDD33 | I | 3.3V |
| 43 | MEMCLK | O | Clock for memory | 107 | VSS33 | - | GND |
| 44 | CSSDRAM | O | Chip select for memory | 108 | XTAL1 | I | 6MHz for system clock |
| 45 | CLKEN | O | Clock enable for memory | 109 | XTAL2 | O | 6MHz for system clock |
| 46 | CSROM | O | Chip select for memory | 110 | VSSA | - | GND |
| 47 | RD | O | Read for memory | 111 | VDDA | I | 2.5V |
| 48 | UDQM | O | Control buffer of memory | 112 | R | O | R for OSD / Teletext |
| 49 | LDQM | O | Control buffer of memory | 113 | G | O | G for OSD / Teletext |
| 50 | WR | O | Write for memory | 114 | B | O | B for OSD / Teletext |
| 51 | D15 | I/O | Program ROM data for main CPU | 115 | VSSA | - | GND |
| 52 | VSS33 | - | GND | 116 | VDDA | I | 2.5V |
| 53 | VDD33 | I | 3.3V | 117 | CVBS2 | I | Video for Teletext |
| 54 | D7 | I/O | Program ROM data for main CPU | 118 | VSSA | - | GND |
| 55 | D0 | I/O | Program ROM data for main CPU | 119 | VDDA | I | 2.5V |
| 56 | D14 | I/O | Program ROM data for main CPU | 120 | CVBS1B | I | Video for Teletext |
| 57 | D8 | I/O | Program ROM data for main CPU | 121 | CVBS1A | I | Video for Teletext |
| 58 | D6 | I/O | Program ROM data for main CPU | 122 | VSSA | - | GND |
| 59 | D1 | I/O | Program ROM data for main CPU | 123 | VDDA | I | 2.5V |
| 60 | VSS33 | - | GND | 124 | KEY1 | I | Key scan data 1 [ON : H] |
| 61 | VDD33 | I | 3.3V | 125 | KEY2 | I | Key scan data 2 [ON : H] |
| 62 | D13 | I/O | Program ROM data for main CPU | 126 | MECA_SW | I | Main power ON / OFF control [ON : L] |
| 63 | D9 | I/O | Program ROM data for main CPU | 127 | P5.3 | I | Not used |
| 64 | D5 | I/O | Program ROM data for main CPU | 128 | TMODE | I | Test purpose |

### 2.6.3 SUB (CHASSIS) CPU PIN FUNCTION [IC7001 : DIGITAL SIGNAL PWB]

| Pin | Pin name | I/O | Function | Pin | Pin name | I/O | Function |
|---|---|---|---|---|---|---|---|
| 1 | LB_PRO | O | Not used | 51 | BS_TXD | O | Not used : Data transmission for digital tuner communication |
| 2 | P_MU | O | Picture muting [Muting = H] | 52 | BS_RXD | I | Not used : Data receive for digital tuner communication |
| 3 | JP_CSB | O | Not used (NC) | 53 | NC | O | Not used (NC) |
| 4 | A_MU | O | Audio muting [Muting = H] | 54 | VREF+ | I | 3.3V power supply |
| 5 | M_MU | O | Audio muting (for AUDIO OUT) [Muting = H] | 55 | PDP_TX | O | Data transmission for SUB (DRIVE) CPU communication |
| 6 | PC_SEL | O | RGB(PC) INPUT select | 56 | PDP_RX | I | Data receive for SUB (DRIVE) CPU communication |
| 7 | ON_TIMER | O | POWER INDICATOR (LED) brightness [LOW = L] | 57 | SDA0 | I/O | Data for Inter IC (serial) bus : EEP-ROM (IC7002) |
| 8 | ILA0 | O | LCD back light lighting | 58 | SCL0 | O | Clock for Inter IC (serial) bus : EEP-ROM (IC7002) |
| 9 | ILA1 | O | LCD panel overshoot refresh timing | 59 | SDA_DVI | I/O | Not used : Data for Inter IC (serial) bus for panel communication |
| 10 | ILA2 | O | Not used | 60 | SCL_DVI | O | Not used : Clock for Inter IC (serial) bus for panel communication |
| 11 | POW_LED | O | POWER LED lighting [ON = H] | 61 | AVSS | - | GND |
| 12 | WORD | O | Not used | 62 | DIGII_PHOT | I | Photo sensor for DIGITAL-IN illegal copy protection |
| 13 | MI_CK | I | Clock for main CPU communication | 63 | AGC | I | Not used |
| 14 | MI_TX | I | Data receive for main CPU communication | 64 | EXT_YS1 | I | Not used |
| 15 | MI_RX | O | Data transmission for MAIN CPU communication | 65 | EXT_YS2 | I | Not used |
| 16 | MI_REQ | O | Data request for main CPU communication [Request = L] | 66 | VDD | I | 3.3V power supply |
| 17 | VDD | I | 3.3V power supply | 67 | DIGI_PRO | O | Not used : For DIGITAL-IN (HDMI) |
| 18 | FOSC | O | Not used (NC) | 68 | GCR_RST | O | Not used (NC) |
| 19 | VSS | - | GND | 69 | GR_ON | O | Not used (NC) |
| 20 | X1 | I | Not used : Low speed oscillatior | 70 | SYNC_SEL | O | Not used : Sync select for digital tuner |
| 21 | X0 | O | Not used : Low speed oscillatior | 71 | NC | O | Not used (NC) |
| 22 | VDD | I | 3.3V power supply | 72 | NC | O | Not used (NC) |
| 23 | OSC1 | I | System clock osillation (crystal) : 16MHz | 73 | SBD5 | I/O | Not used : Data for writing on board (connect CN01P : for Frash ROM type) |
| 24 | OSC0 | O | System clock osillation (crystal) : 16MHz | 74 | SBT5 | I | Not used : Clock for writing on board (connect CN01P : for Frash ROM type) |
| 25 | MODE | I | Single chip mode | 75 | NMI | I | 3.3V power supply |
| 26 | BS1.5CTL | O | Not used : Digital tuner power / reset control | 76 | COMP | I | Not used : AV COMPULINK III control |
| 27 | A92RES | O | Reset for IC1001(3D YC SEP / COLOUR DEMODULAT) [Reset = H] | 77 | REMO | I | Remote control |
| 28 | BS_RST | O | Not used : Reset for Digital tuner power / reset control | 78 | VSYNC | I | V. sync pulse |
| 29 | LIP_RST | O | Not used : Reset for Sound delay (Lip sync) | 79 | WAKE | I | Reset for sub(chassis) CPU |
| 30 | SOFT_OFF | O | Not used | 80 | POWERGOOD | I | Power error detection [NG = H] |
| 31 | VMUTE | I | Picture muting request from digital tuner | 81 | NC | O | Not used (NC) |
| 32 | VOUTENB | O | Not used : Video cutoff for digital tuner | 82 | RST | I | Reset for MAIN CPU [Reset = L] |
| 33 | MDR_CON | I | Not used: System cable connection monitor for PDP | 83 | VDD | I | 3.3V power supply |
| 34 | AVDD | I | 3.3V power supply | 84 | SCL3A | O | Clock for Inter IC (serial) bus control |
| 35 | BS_POW | O | Not used : Digital tuner power control | 85 | SDA3A | I/O | Data for Inter IC (serial) bus control |
| 36 | DsyncSW2 | O | Sync select for DIGITAL-IN [Cotrolled with 99-pin] | 86 | SCL3B | O | Clock for Inter IC (serial) bus control |
| 37 | LB_POW | O | Power control for low bias line | 87 | SDA3B | I/O | Data for Inter IC (serial) bus control |
| 38 | NC | O | Not used (NC) | 88 | DIGI_SYNCSEL | O | Not used |
| 39 | HOTPLUG | I | Not used : Video communiation monitor for receiver unit (PDP) | 89 | DIGI_LRSW | O | Not used : For DIGITAL-IN (HDMI) |
| 40 | MECA_SW | I | Mechanical monitor for POWER switch [Push = L] | 90 | DIGI_INT | I | Reset for HDMI process [Reset = L ] |
| 41 | MAIN_POW | O | Main power control [ON = L] | 91 | DVI_RST | O | Not used : Reset for DVI format conversion |
| 42 | MSP_RST | O | AUDIO OUT output mode select [VARIABLE = L] | 92 | VSS | - | GND |
| 43 | VREF- | I | Not used | 93 | SCL5055 | O | Clock for Inter IC (serial) bus : JCC5055 (DIST process) |
| 44 | AFT2 | I | Not used : AFT voltage for sub tuner | 94 | VFORMATSEL | O | Not used : Digital tuner clock control |
| 45 | AFT1 | I | AFT voltage for VHF/UHF tuner | 95 | SDA5055 | I/O | Data for Inter IC (serial) bus : JCC5055 (DIST process) |
| 46 | KEY2 | I | Key scan data for front switch (MENU/CH+/CH-) | 96 | OSD_MODE_SEL | O | Not used : OSD mode select |
| 47 | KEY1 | I | Key scan data for front switch (VOL+/VOL-) | 97 | NC | O | Not used (NC) |
| 48 | NC | O | Not used (NC) | 98 | 15K/OTH | O | Main video select [Fixed = H] |
| 49 | NC | O | Not used (NC) | 99 | DsyncSW1 | O | Sync select for DIGITAL-IN [Cotrolled with 36-pin] |
| 50 | AC_IN | I | Not used : AC 50/60Hz detect | 100 | 57 BUSY | I | Busy monitor for IC4001 (New DIST process) |

# SECTION 3
# DISASSEMBLY

## 3.1 DISASSEMBLY PROCEDURE

**CAUTION AT DISASSEMBLY:**

- **Be sure to perform the SYSTEM SETTEING, at the end of the procedure.**
- Make sure that the power cord is disconnected from the outlet.
- Pay special attention not to break or damage the parts.
- When removing each board, remove the connectors as required. Taking notes of the connecting points (connector numbers) makes service procedure manageable.
- Make sure that there is no bent or stain on the connectors before inserting, and firmly insert the connectors.

### 3.1.1 REMOVING THE STAND (Fig.1)

(1) Remove the 2 screw **[A]**, then remove the STAND COVER.
(2) Remove the 4 screws **[B]**, then remove the STAND.

### 3.1.2 REMOVING THE REAR COVER (Fig.1)

- Remove the STAND.
  (1) Remove the JACK COVER (L/R).
  (2) Remove the 10 screws **[C]**, the 3 screws **[D]**, and the 2 screws **[E]**.
  (3) Remove the REAR COVER.

### 3.1.3 REMOVING THE REGULATOR PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
  (1) Remove the 4 screws **[F]**, then remove the FAN BRACKET.
  (2) Remove the 1 screw **[G]**, then remove the POWER CORD HOLDER.
  (3) Remove the POWER CORD from the POWER PWB.
  (4) Remove the REGULATOR PWB.

### 3.1.4 REMOVING THE POWER PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the FAN BRACKET.
  (1) Remove the 4 screw **[H]**, then remove the POWER PWB.

### 3.1.5 REMOVING THE PANEL I/F PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the FAN BRACKET.
  (1) Remove the 4 screws **[J]**, then remove the PANEL I/F PWB.

### 3.1.6 REMOVING THE ANALOG SYGNAL PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the FAN BRACKET.
  (1) Remove the 3 screws **[K]**, then remove the TERMINAL BASE.
  (2) Remove the 4 screws **[L]**, then remove the PANEL I/F PWB BRACKET.
  (3) Remove the 3 screws **[M]** and 2screw **[N]**, then remove the ANALOG SIGNAL PWB.

### 3.1.7 REMOVING THE FRONT CONTROL PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
  (1) Remove the 3 screws **[P]**, then remove the CONTROL ASSY with the FRONT CONTROL PWB.
  (2) Remove the FRONT CONTROL PWB.

### 3.1.8 REMOVING THE RECEIVER PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
  (1) Remove the 3 screws **[Q]** and the 1 screw **[R]**, then remove the TUNER BASE.
  (2) Remove the 4 screws **[S]**, then remove the RECEIVER PWB.

### 3.1.9 REMOVING THE CONNECTOR PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the TOP SHIELD CASE.
  (1) Remove the 4 screws **[T]**, then remove the RECEIVER PWB BRACKET.
  (2) Remove the 1 screw **[U]**, then remove the CONNECTOR PWB.

### 3.1.10 REMOVING THE DIGITAL SIGNAL PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the TUNER BASE.
  (1) Remove the 7 screws **[V]** and the 3 screws **[W]**, then remove the SHIELD COVER.
  (2) Remove the 5 screws **[X]**, then remove the DIGITAL BRACKET.
  (3) Remove the DIGITAL SIGNALPWB.

**CAUTION :**

Make sure to perform the "SYSTEM SETTEING" according to before page, when DIGITAL SIGNAL PWB is replaced.

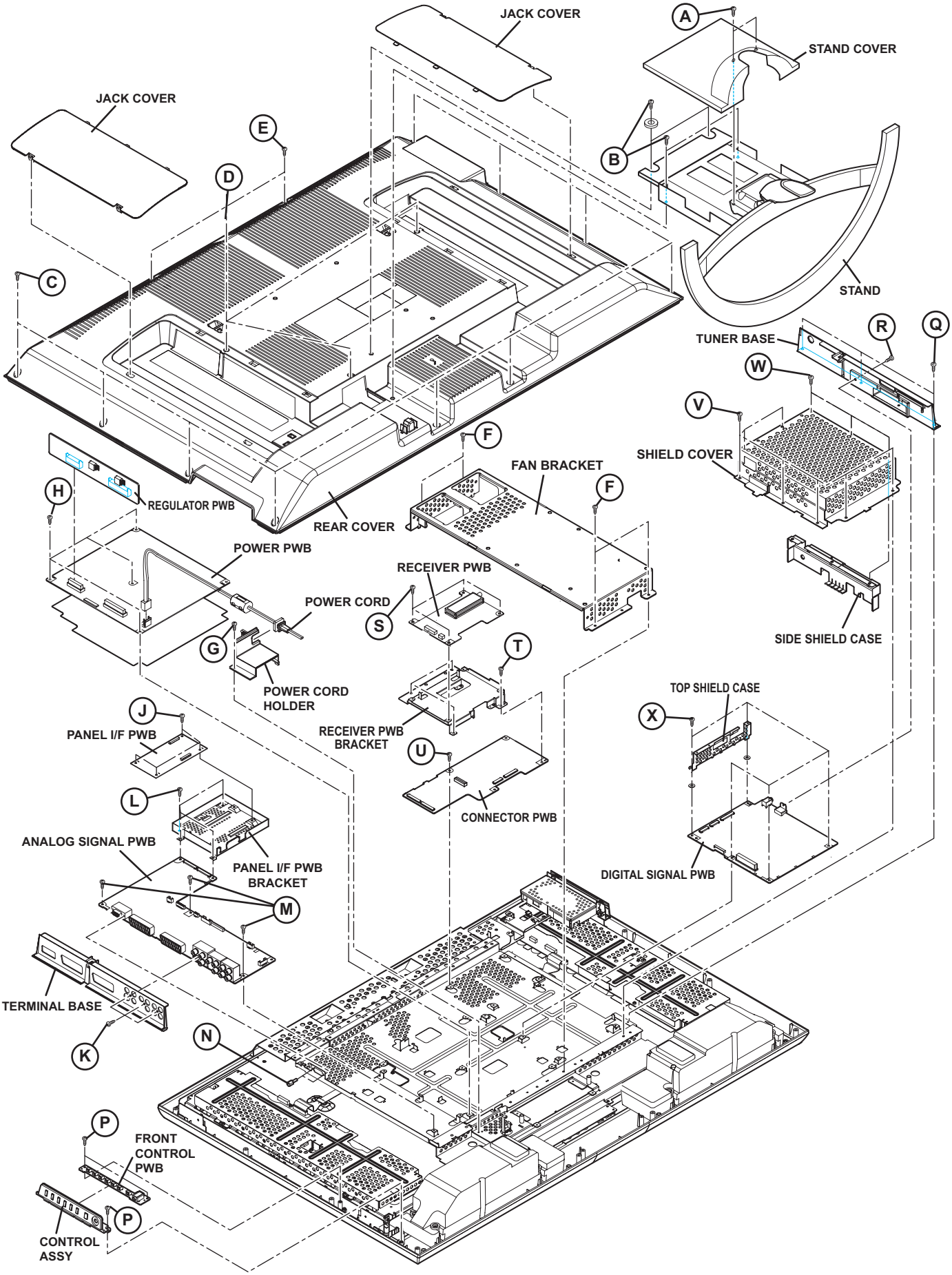

JACK COVER
A
STAND COVER
JACK COVER
E
D
B
C
STAND
TUNER BASE
R
Q
W
V
F
SHIELD COVER
FAN BRACKET
H
F
REGULATOR PWB
REAR COVER
POWER PWB
RECEIVER PWB
POWER CORD
S
SIDE SHIELD CASE
G
T
POWER CORD
HOLDER
TOP SHIELD CASE
J
X
PANEL I/F PWB
RECEIVER PWB
BRACKET
U
L
CONNECTOR PWB
ANALOG SIGNAL PWB
PANEL I/F PWB
BRACKET
DIGITAL SIGNAL PWB
M
TERMINAL BASE
K
N
P
FRONT
CONTROL
PWB
P
CONTROL
ASSY

Fig.1

### 3.1.11 REMOVING THE SPEAKER (Fig.2)

- Remove the STAND.
- Remove the REAR COVER.
  (1) Remove the 6 screws **[A]**, then remove the SPEAKER (L /R).

**NOTE:**

- Since the speaker is attached in a certain direction, attach the speaker in the same correct direction as it has been attached.
- When the speaker is decomposed, the performance cannot be kept.

### 3.1.12 REMOVING THE FRONT LED PWB (Fig.2)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the FAN BRACKET.
  (1) Remove the 2 screws **[B]**, then remove the FRONT LED PWB.

### 3.1.13 REMOVING THE LED LENS (Fig.2)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the FAN BRACKET.
- Remove the FRONT LED PWB.
  (1) Remove the 2 screws **[C]**, then remove the LED LENS.

### 3.1.14 REMOVING THE CARD PWB (Fig.2)

- Remove the STAND.
- Remove the REAR COVER.
  (1) Remove the CARD SHIELD.
  (2) Remove the 4 screws **[D]**, then remove the CARD PWB.

### 3.1.15 REMOVING THE LCD PANEL UNIT (Fig.2)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the FAN BRACKET.
  (1) Remove the 2 screws **[E]**, then remove the CARD BASE.
  (2) Remove the 2 screws **[F]**, then remove the CARD PWB BRACKET.
  (3) Remove the 2 screws **[G]**, then remove the MAIN BASE.
  (4) Remove the 3 screws **[H]**, the 2 screws **[J]** and the 1 screw **[K]**, then remove the TOP FRAME.
  (5) Remove the 2 screws **[L]** and the 2 screws **[M]**, then remove the BOTTOM FRAME.
  (6) Remove the LCD PANEL UNIT from the FRONT PANEL.

**NOTE:**

- Pay special attention not to break or damage on the FRONT PANEL.
- The LCD PANEL UNIT is fixed to the FRONT PAMEL (at the back side)by using double-side adhesive tapes. To remove the LCD PANEL UNIT, remove the adhesive tape on the FRONT PANEL slowly.

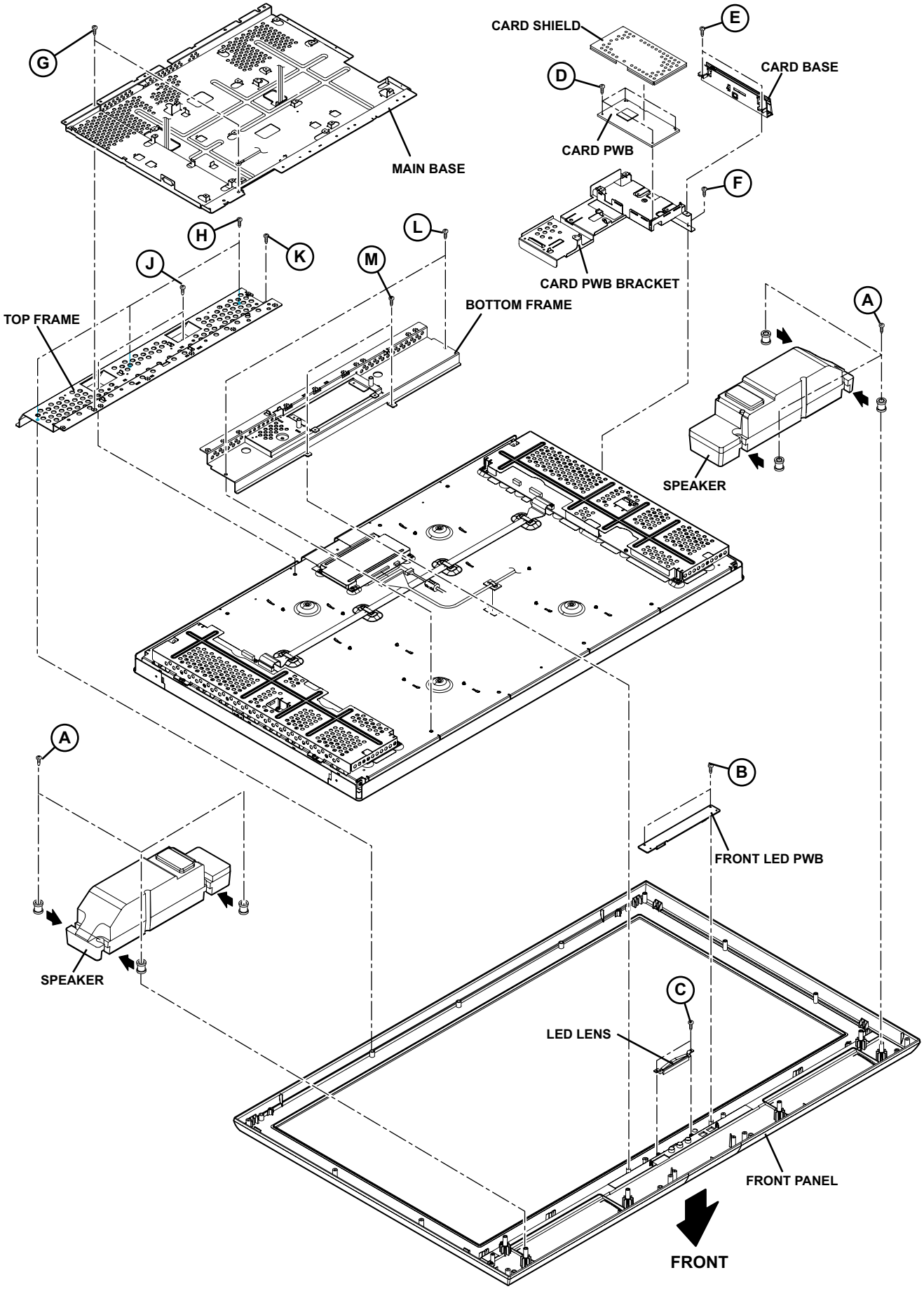

G
MAIN BASE
CARD SHIELD
E
CARD BASE
D
CARD PWB
F
CARD PWB BRACKET
H
K
L
J
M
TOP FRAME
BOTTOM FRAME
A
SPEAKER
A
SPEAKER
B
FRONT LED PWB
C
LED LENS
FRONT PANEL
FRONT

Fig.2

### 3.2 MEMORY IC REPLACEMENT

- This model uses the memory IC.
- This memory IC stores data for proper operation of the video and drive circuits.
- When replacing, be sure to use an IC containing this (initial value) data.

#### 3.2.1 MEMORY IC REPLACEMENT PROCEDURE

**1. Power off**
Switch off the power and disconnect the power plug from the AC outlet.

**2. Replace the memory IC**
Be sure to use the memory IC written with the initial setting values.

**3. Power on**
Connect the power plug to the AC outlet and switch on the power.

**4. Receiving channel setting**
Refer to the OPERATING INSTRUCTIONS and set the receive channels (Channels Preset) as described.

**5. User setting**
Check the user setting items according to the given in page later. Where these do not agree, refer to the OPERATING INSTRUCTIONS and set the items as described.

**6. SERVICE MODE setting**
Verify what to set in the SERVICE MODE, and set whatever is necessary (Fig.1). Refer to the SERVICE ADJUSTMENT for setting.

#### 3.2.2 SERVICE MODE SETTING

**■SERVICE MODE SCREEN**

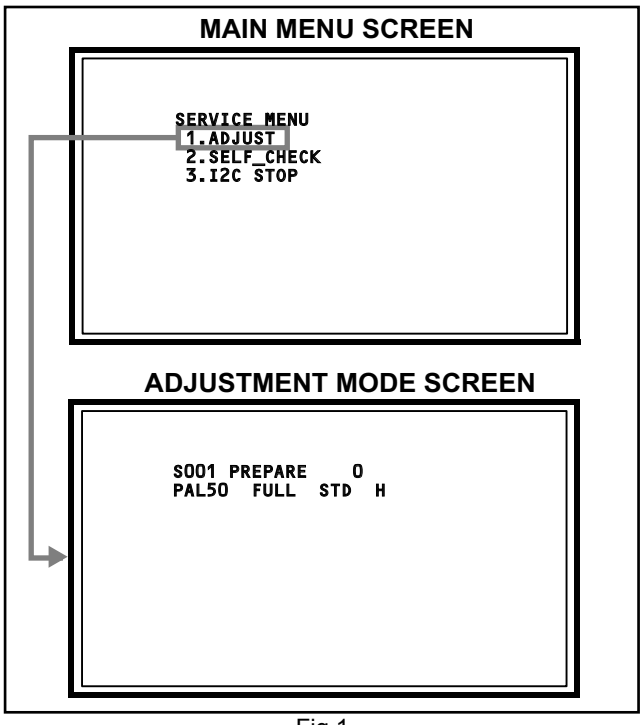



Fig.1

**■SETTING ITEM**

| Setting items | Settings | Item No. |
|---|---|---|
| Video system setting | Adjust | S001 - S039 |
| Audio system setting | Fixed | T001 - T010 |
| Panel control system setting | Fixed | P001 - P010 |
| Drive system setting | Fixed | D001 - D187 |
| Main CPU system setting | Fixed | Z001 - Z010 |

### 3.2.3 SETTINGS OF FACTORY SHIPMENT

#### 3.2.3.1 BUTTON OPERATION

| Setting item | Setting position |
|---|---|
| POWER | Off |
| CHANNEL | PR1 |
| VOLUME | 10 |
| TV/AV | TV |

#### 3.2.3.2 REMOTE CONTROL DIRECT OPERATION

| Setting item | Setting position |
|---|---|
| CHANNEL | PR1 |
| VOLUME | 10 |
| ZOOM | PANORAMIC |
| 3D SOUND | OFF |

#### 3.2.3.3 REMOTE CONTROL MENU OPERATION

**(1) PICTURE**

| Setting item | | Setting position |
|---|---|---|
| PICTURE MODE | | BRIGHT |
| COLOUR TEMP. | | COOL |
| **FEATURES** | | |
| DIGITAL VNR | | AUTO (LOW) |
| Super DigiPure | | AUTO |
| MOVIE THEATRE | | AUTO |
| COLOUR MANAGEMENT | | ON |
| PICTURE MANAGEMENT | | ON |
| COLOUR SYSTEM | TV | Depends on PR/CH |
| | EXT | AUTO |
| 4:3 AUTO ASPECT | | PANORAMIC |

**(2) SOUND**

| Setting item | Setting position |
|---|---|
| STEREO / I•II | Stereo sound |
| BASS | Centre |
| TREBLE | Centre |
| BALANCE | Centre |
| 3D SOUND | OFF |
| A.H.B. | ON |
| BBE | ON |

**(4) FEATURES**

| Setting item | Setting position |
|---|---|
| SLEEP TIMER | OFF |
| CHILD LOCK | ID NO.0000, All CH off |
| APPEARANCE | TYPE D |
| BLUE BACK | ON |
| FAVOURITE SETTING | Reset |
| ILLUMINATION | BRIGHT |

**(5) SET UP**

| Setting item | Setting position |
|---|---|
| AUTO PROGRAM | TV channel automatically set |
| EDIT/MANUAL | PRESET CH only |
| LANGUAGE | ENGLISH |
| DECODER (EXT-2) | OFF |
| COMPONENT AUTO SELECT | ON |
| HDMI SETTING | AUTO |
| **EXT SETTING** | |
| S-IN | BLANK |
| ID | BLANK |
| DUBBING | EXT-1 → EXT-2 |

### 3.3 REPLACEMENT OF CHIP COMPONENT

#### 3.3.1 CAUTIONS

(1) Avoid heating for more than 3 seconds.
(2) Do not rub the electrodes and the resist parts of the pattern.
(3) When removing a chip part, melt the solder adequately.
(4) Do not reuse a chip part after removing it.

#### 3.3.2 SOLDERING IRON

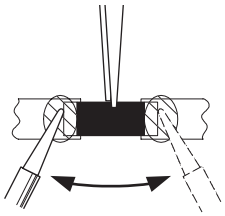
(1) Use a high insulation soldering iron with a thin pointed end of it.
(2) A 30w soldering iron is recommended for easily removing parts.

#### 3.3.3 REPLACEMENT STEPS

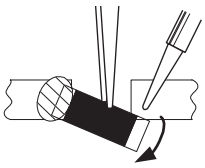
**1. How to remove Chip parts**

**[Resistors, capacitors, etc.]**

(1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.



(2) Shift with the tweezers and remove the chip part.

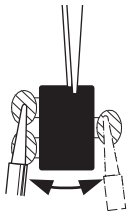


**[Transistors, diodes, variable resistors, etc.]**

(1) Apply extra solder to each lead.




(2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.

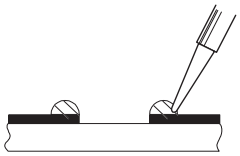


**NOTE :**
After removing the part, remove remaining solder from the pattern.

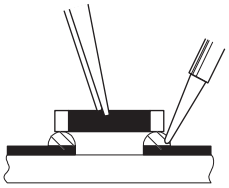
**2. How to install Chip parts**

**[Resistors, capacitors, etc.]**

(1) Apply solder to the pattern as indicated in the figure.

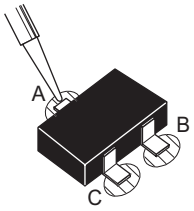


(2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

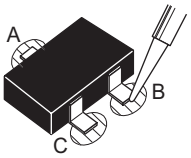


**[Transistors, diodes, variable resistors, etc.]**

(1) Apply solder to the pattern as indicated in the figure.
(2) Grasp the chip part with tweezers and place it on the solder.
(3) First solder lead **A** as indicated in the figure.




(4) Then solder leads **B** and **C**.



# SECTION 4
# ADJUSTMENT

## 4.1 ADJUSTMENT PREPARATION

(1) **There are 2 ways of adjusting this TV : One is with the REMOTE CONTROL UNIT and the other is the conventional method using adjustment parts and components.**

(2) **The adjustment using the REMOTE CONTROL UNIT is made on the basis of the initial setting values. The setting values which adjust the screen to the optimum condition can be different from the initial setting values.**

(3) Make sure that connection is correctly made AC to AC power source.

(4) Turn on the power of the TV and measuring instruments for warming up for at least 30 minutes before starting adjustments.

(5) If the receive or input signal is not specified, use the most appropriate signal for adjustment.

(6) Never touch the parts (such as variable resistors, transformers and condensers) not shown in the adjustment items of this service adjustment.

## 4.2 PRESET SETTING BEFORE ADJUSTMENTS

Unless otherwise specified in the adjustment items, preset the following functions with the REMOTE CONTROL UNIT.

| Setting item | Settings position |
|---|---|
| PICTURE MODE | STANDARD |
| PICTURE adjustments | Centre |
| COLOUR TEMP. | NORMAL |
| DIGITAL VNR | AUTO (LOW) |
| Super DigiPure | AUTO |
| MOVIE THEATRE | AUTO |
| COLOUR MANAGEMENT | ON |
| PICTURE MANAGEMENT | ON |
| SOUND adjustments | Centre |
| BBE | OFF |
| 3D SOUND | OFF |
| A.H.B | OFF |
| ZOOM | FULL |

## 4.3 MEASURING INSTRUMENT AND FIXTURES

- Oscilloscope
- Signal generator (Pattern generator)
  [PAL / 625i / 625p / 1125i(50Hz)]
- Remote control unit

## 4.4 ADJUSTMENT ITEMS

■ **VIDEO CIRCUIT**

- 625i A-D OFFSET adjustment
- 1125i(50Hz) BRIGHTNESS adjustment
- 1125i(50Hz) A-D OFFSET adjustment
- SUB SCREEN A-D OFFSET adjustment
- WHITE BALANCE (HIGH LIGHT) adjustment

## 4.5 BASIC OPERATION OF SERVICE MODE

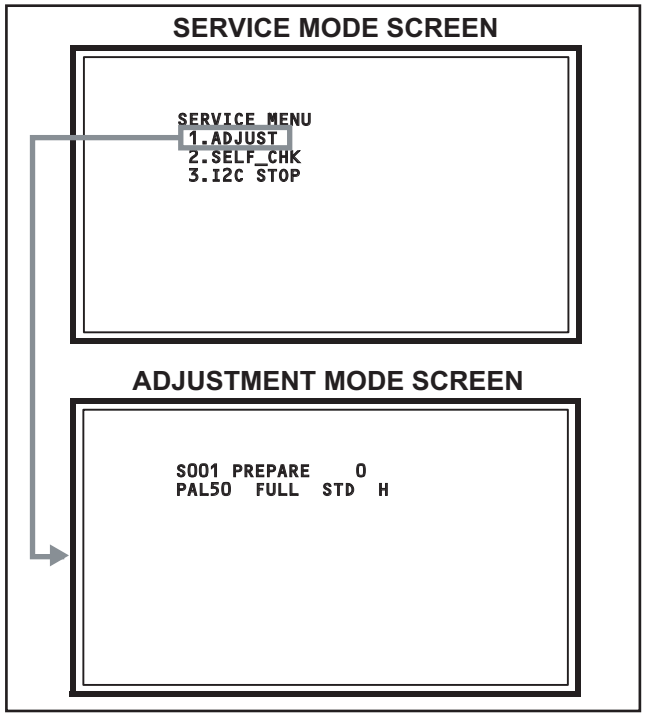
### 4.5.1 HOW TO ENTER THE SERVICE MODE

(1) Press **[INFORMATION]** key and **[MUTING]** key on the remote control unit simultaneously to enter the SERVICE MODE SCREEN.

(2) In the SERVICE MENU, press the **[1]** key to display ADJUSTMENT MODE SCREEN.

**NOTE:**

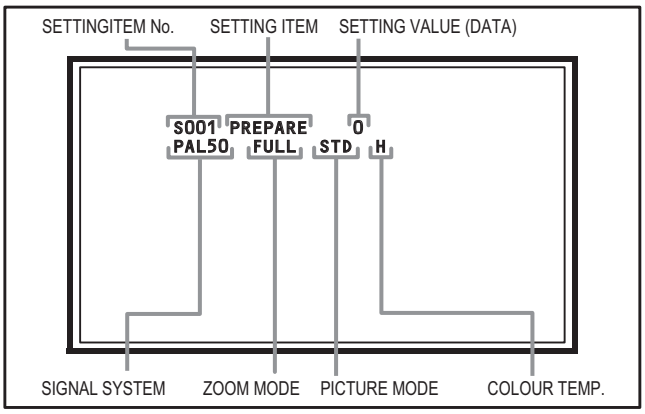
- Before entering the SERVICE MODE, confirm that the setting of VCR/TV/DVD switch is at the "**TV**" side. If the switches have not been properly set, you cannot enter the SERVICE MODE.
- When a number key other than the **[1]** key is pressed in the SERVICE MODE SCREEN, the other relevant screen may be displayed.
  This is not used in the adjustment procedure. Press the **[MENU]** key to return to the SERVICE MODE SCREEN.




### 4.5.2 HOW TO EXIT THE SERVICE MODE

Press the **[MENU]** key to exit the Service mode.

### 4.5.3 DESCRIPTION OF STATUS DISPLAY




**(1) SIGNAL SYSTEM**

The signal displayed on the screen is displayed.

| | |
|---|---|
| PAL50 | : PAL50Hz (Composite / S-video) |
| PAL60 | : PAL60Hz (Composite / S-video) |
| SECAM | : SECAM |
| NTSC3 | : NTSC3.58 |
| NTSC4 | : NTSC4.43 |
| 525I | : 525i (Component) |
| 525P | : 525p |
| 625I | : 625i (Component) |
| 625P | : 625p |
| 1125I5 | : 1125i 50Hz |
| 1125I6 | : 1125i 60Hz |
| RGB5 | : RGB 525i |
| RGB6 | : RGB 625i |
| PCVGA | : PC (VGA) |
| PCXGA | : PC (XGA) |
| H525I | : HDMI 525i |
| H525P | : HDMI 525p |
| H625I | : HDMI 625i |
| H625P | : HDMI 625p |
| H750P | : HDMI 750p |
| H125I5 | : HDMI 1125i 50Hz |
| H125I6 | : HDMI 1125i 60Hz |

**(2) ZOOM MODE**

State of the SCREEN SIZE or MULTI PICTURE is displayed.

**SINGLE SCREEN**

| | |
|---|---|
| FULL | : FULL |
| PANO | : PANORAMIC |
| 1609 | : 16:9 ZOOM |
| 1609S | : 16:9 ZOOM SUBTITLE |
| 1409 | : 14:9 ZOOM |
| REGU | : REGULAR |

**MULTI SCREEN**

| | |
|---|---|
| M2 | : 2-pictures multi |
| M12 | : 12-pictures multi |

**(3) PICTURE MODE**

| | |
|---|---|
| STD | : STANDARD |
| BRI | : BRIGHT |
| SOFT | : SOFT |

**(4) COLOUR TEMP.**

| | |
|---|---|
| H | : COOL |
| M | : NORMAL |
| L | : WARM |

**(5) SETTING ITEM NAME**

Setting item name are displayed. The setting item numbers to be displayed are listed below.

| Item No. | Setting item |
|---|---|
| S001 to S039 | Video system setting |
| T001 to T010 | Audio system setting |
| P001 to P010 | Panel control system setting |
| D001 to D187 | Drive system setting |
| Z001 to Z010 | Main CPU system setting |

**(6) SETTING ITEM NO.**

Setting item numbers are displayed. For the setting item names to be displayed, refer to "INITIAL SETTING VALUES IN THE SERVICE MODE".

**(7) SETTING VALUE (DATA)**

The SETTING VALUE is displayed.

### 4.5.4 CHANGE AND MEMORY OF SETTING VALUE

**SELECTION OF SETTING ITEM**

- **[FUNCTION ▲/▼]** key.
  For scrolling up / down the setting items.

S001... ↔ T001... ↔ P001... ↔ D001... ↔ Z001...

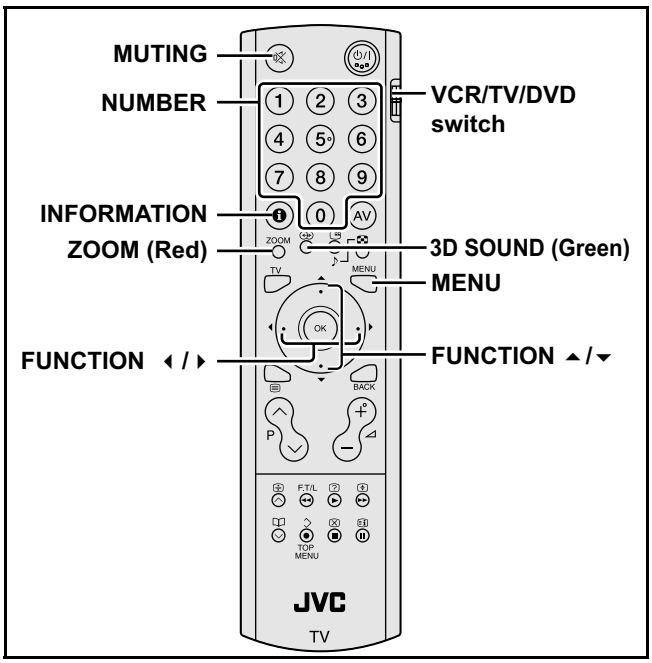
**CHANGE OF SETTING VALUE (DATA)**

- **[FUNCTION ◀ / ▶]** key.
  For scrolling up / down the setting values.

**MEMORY OF SETTING VALUE (DATA)**

Changed setting value is memorized by pressing **[MUTING]** key.

### 4.5.5 SERVICE MODE SELECT KEY LOCATION



### 4.6 INITIAL SETTING VALUES IN THE SERVICE MODE

- Perform fine-tuning based on the "initial values" using the remote control when in the Service mode.
- The "initial values" serve only as an indication rough standard and therefore the values with which optimal display can be achieved may be different from the default values. But, don't change the values that are not written in "ADJUSTMENT PROCEDURE". They are fixed values.

#### 4.6.1 VIDEO SYSTEM SETTING

| Item No. | Item name | Variable range | Setting value |
|---|---|---|---|
| S001 | PREPARE | 0 - 31 | 0 |
| S002 | NTSC BL | 0 - 15 | 0 |
| S003 | NTSC CNT | 0 - 255 | 53 |
| S004 | NT CR OF | 0 - 15 | 6 |
| S005 | NT CB OF | 0 - 15 | 6 |
| S006 | 525i BL | 0 - 15 | 0 |
| S007 | 525i CNT | 0 - 255 | 53 |
| S008 | 5i CB OF | 0 - 15 | 0 |
| S009 | 5i CR OF | 0 - 15 | 0 |
| S010 | 5i CR GN | 0 - 15 | 6 |
| S011 | 5i CB GN | 0 - 15 | 6 |
| S012 | HD BL | 0 - 63 | 62 |
| S013 | HD CB OF | 0 - 63 | 59 |
| S014 | HD CR OF | 0 - 63 | 57 |
| S015 | RT CONT | 0 - 15 | 8 |
| S016 | RT CB OF | 0 - 15 | 6 |
| S017 | RT CR OF | 0 - 15 | 6 |
| S018 | RT CL GA | 0 - 15 | 1 |
| S019 | PC CL MB | 0 - 7 | 0 |
| S020 | PC CL LB | 0 - 31 | 0 |
| S021 | PC CL MR | 0 - 71 | 0 |
| S022 | PC CL LR | 0 - 31 | 0 |
| S023 | (Not display) | 0 - 255 | 0 |
| S024 | (Not display) | 0 - 255 | 0 |
| S025 | (Not display) | 0 - 255 | 0 |
| S026 | (Not display) | 0 - 255 | 0 |
| S027 | (Not display) | 0 - 255 | 0 |
| S028 | (Not display) | 0 - 255 | 0 |
| S029 | (Not display) | 0 - 255 | 0 |
| S030 | R DRIVE | 0 - 255 | 133 |
| S031 | G DRIVE | 0 - 255 | 106 |
| S032 | B DRIVE | 0 - 255 | 72 |
| S033 | (Not display) | 0 - 255 | 0 |
| S034 | (Not display) | 0 - 255 | 0 |
| S035 | (Not display) | 0 - 255 | 0 |
| S036 | (Not display) | 0 - 255 | 0 |
| S037 | (Not display) | 0 - 255 | 0 |
| S038 | (Not display) | 0 - 255 | 0 |
| S039 | ILA COM | 0 - 1 | 0 |

#### 4.6.2 AUDIO SYSTEM SETTING (*Fixed values)

| Item No. | Item name | Variable range | Setting value |
|---|---|---|---|
| T001 | IN LEVEL | 0 - 255 | 0 |
| T002 | LOW SEP | 0 - 255 | 0 |
| T003 | HIGH SEP | 0 - 255 | 0 |
| T004 | AFC | 0 - 255 | 0 |
| T005 | (Not display) | 0 - 255 | 0 |
| T006 | ATT V ON | 0 - 1 | 0 |
| T007 | ATT U ON | 0 - 1 | 0 |
| T008 | ATT C ON | 0 - 1 | 0 |
| T009 | (Not display) | 0 - 255 | 0 |
| T010 | (Not display) | 0 - 255 | 0 |

#### 4.6.3 PANEL CONTOROL SYSTEM SETTING (*Fixed values)

| Item No. | Item name | Variable range | Setting value |
|---|---|---|---|
| P001 | TM HOR H | 00 - FF | 00 |
| P002 | TM HOR L | 00 - FF | 00 |
| P003 | TM MIN | 00 - FF | 00 |
| P004 | TEMP | 0 - 255 | 0 |
| P005 | (Not display) | 0 - 255 | 0 |
| P006 | (Not display) | 0 - 255 | 0 |
| P007 | (Not display) | 0 - 255 | 0 |
| P008 | (Not display) | 0 - 255 | 0 |
| P009 | (Not display) | 0 - 255 | 0 |
| P010 | (Not display) | 0 - 255 | 0 |

#### 4.6.4 DRIVE SYSTEM SETTING (*Fixed values)

| Item No. | Item name | Variable range | Setting value |
|---|---|---|---|
| D001 | SLV GN | 00 - 3F | 15 |
| D002 | SLVH GN | 00 - 3F | 12 |
| D003 | SLH GN | 00 - 3F | 15 |
| D004 | SLV Pf | 00 - 03 | 01 |
| D005 | SLH Pf H | 00 - 01 | 01 |
| D006 | SLH Pf L | 00 - 03 | 01 |
| D007 | SL EGCON | 00 - 3F | 10 |
| D008 | SL EGONF | 00 - 01 | 01 |
| D009 | SL CRGON | 00 - 3F | 09 |
| D010 | SL CRGON | 00 - 01 | 01 |
| D011 | SL ON OF | 00 - 01 | 01 |
| D012 | SV GN | 00 - 3F | 0A |
| D013 | SVH GN | 00 - 3F | 09 |
| D014 | SH GN | 00 - 3F | 0B |
| D015 | SV Pf | 00 - 03 | 01 |
| D016 | SV PfH | 00 - 01 | 01 |
| D017 | SV PfL | 00 - 03 | 01 |
| D018 | SYL CON | 00 - 3F | 30 |
| D019 | SYL CONF | 00 - 01 | 01 |

| Item No. | Item name | Variable range | Setting value |
|---|---|---|---|
| D020 | SYH CON | 00 - 3F | 00 |
| D021 | SYH CONF | 00 - 01 | 01 |
| D022 | SC CON | 00 - 3F | 1A |
| D023 | SC CNONF | 00 - 01 | 01 |
| D024 | SPM BLC | 00 - 3F | 00 |
| D025 | SPM BLCO | 00 - 01 | 01 |
| D026 | SLIM | 00 - 3F | 30 |
| D027 | SLIMONF | 00 - 01 | 01 |
| D028 | SCRG | 00 - 3F | 09 |
| D029 | SRGONF | 00 - 01 | 01 |
| D030 | S ONF | 00 - 01 | 01 |
| D031 | pb GN | 00 - 3F | 15 |
| D032 | pb PfH | 00 - 01 | 01 |
| D033 | pb PfL | 00 - 03 | 00 |
| D034 | pb CRG | 00 - 3F | 10 |
| D035 | pb CRGON | 00 - 01 | 01 |
| D036 | pb ONF | 00 - 01 | 01 |
| D037 | pr GN | 00 - 3F | 15 |
| D038 | pr PfH | 00 - 01 | 01 |
| D039 | pr PfL | 00 - 03 | 00 |
| D040 | pr CRG | 00 - 3F | 10 |
| D041 | pr CRGON | 00 - 01 | 01 |
| D042 | pr ONF | 00 - 01 | 01 |
| D043 | ENH ONF | 00 - 01 | 01 |
| D044 | (Not display) | 00 - FF | 00 |
| D045 | (Not display) | 00 - FF | 00 |
| D046 | (Not display) | 00 - FF | 00 |
| D047 | (Not display) | 00 - FF | 00 |
| D048 | (Not display) | 00 - FF | 00 |
| D049 | (Not display) | 00 - FF | 00 |
| D050 | (Not display) | 00 - FF | 00 |
| D051 | (Not display) | 00 - FF | 00 |
| D052 | (Not display) | 00 - FF | 00 |
| D053 | (Not display) | 00 - FF | 00 |
| D054 | (Not display) | 00 - FF | 00 |
| D055 | (Not display) | 00 - FF | 00 |
| D056 | (Not display) | 00 - FF | 00 |
| D057 | (Not display) | 00 - FF | 00 |
| D058 | (Not display) | 00 - FF | 00 |
| D059 | (Not display) | 00 - FF | 00 |
| D060 | (Not display) | 00 - FF | 00 |
| D061 | (Not display) | 00 - FF | 00 |
| D062 | (Not display) | 00 - FF | 00 |
| D063 | (Not display) | 00 - FF | 00 |
| D064 | (Not display) | 00 - FF | 00 |
| D065 | (Not display) | 00 - FF | 00 |
| D066 | (Not display) | 00 - FF | 00 |
| D067 | (Not display) | 00 - FF | 00 |
| D068 | (Not display) | 00 - FF | 00 |
| D069 | (Not display) | 00 - FF | 00 |

| Item No. | Item name | Variable range | Setting value |
|---|---|---|---|
| D070 | (Not display) | 00 - FF | 00 |
| D071 | (Not display) | 00 - FF | 00 |
| D072 | (Not display) | 00 - FF | 00 |
| D073 | (Not display) | 00 - FF | 00 |
| D074 | (Not display) | 00 - FF | 00 |
| D075 | (Not display) | 00 - FF | 00 |
| D076 | (Not display) | 00 - FF | 00 |
| D077 | (Not display) | 00 - FF | 00 |
| D078 | (Not display) | 00 - FF | 00 |
| D079 | (Not display) | 00 - FF | 00 |
| D080 | (Not display) | 00 - FF | 00 |
| D081 | (Not display) | 00 - FF | 00 |
| D082 | (Not display) | 00 - FF | 00 |
| D083 | (Not display) | 00 - FF | 00 |
| D084 | (Not display) | 00 - FF | 00 |
| D085 | (Not display) | 00 - FF | 00 |
| D086 | (Not display) | 00 - FF | 00 |
| D087 | (Not display) | 00 - FF | 00 |
| D088 | (Not display) | 00 - FF | 00 |
| D089 | (Not display) | 00 - FF | 00 |
| D090 | (Not display) | 00 - FF | 00 |
| D091 | (Not display) | 00 - FF | 00 |
| D092 | (Not display) | 00 - FF | 00 |
| D093 | (Not display) | 00 - FF | 00 |
| D094 | (Not display) | 00 - FF | 00 |
| D095 | (Not display) | 00 - FF | 00 |
| D096 | (Not display) | 00 - FF | 00 |
| D097 | (Not display) | 00 - FF | 00 |
| D098 | (Not display) | 00 - FF | 00 |
| D099 | (Not display) | 00 - FF | 00 |
| D100 | (Not display) | 00 - FF | 00 |
| D101 | (Not display) | 00 - FF | 00 |
| D102 | (Not display) | 00 - FF | 00 |
| D103 | (Not display) | 00 - FF | 00 |
| D104 | (Not display) | 00 - FF | 00 |
| D105 | (Not display) | 00 - FF | 00 |
| D106 | (Not display) | 00 - FF | 00 |
| D107 | (Not display) | 00 - FF | 00 |
| D108 | (Not display) | 00 - FF | 00 |
| D109 | (Not display) | 00 - FF | 00 |
| D110 | (Not display) | 00 - FF | 00 |
| D111 | (Not display) | 00 - FF | 00 |
| D112 | (Not display) | 00 - FF | 00 |
| D113 | (Not display) | 00 - FF | 00 |
| D114 | (Not display) | 00 - FF | 00 |
| D115 | (Not display) | 00 - FF | 00 |
| D116 | (Not display) | 00 - FF | 00 |
| D117 | (Not display) | 00 - FF | 00 |
| D118 | (Not display) | 00 - FF | 00 |
| D119 | (Not display) | 00 - FF | 00 |

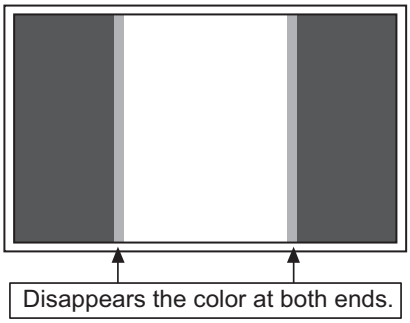
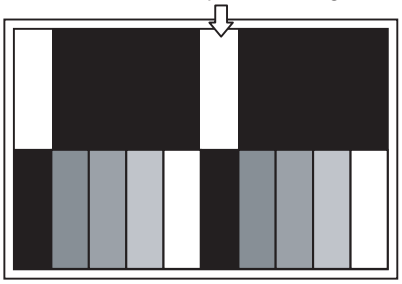
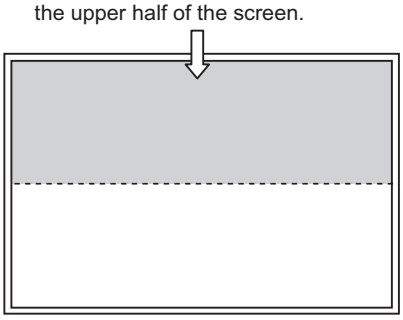
| Item No. | Item name | Variable range | Setting value |
|---|---|---|---|
| D120 | (Not display) | 00 - FF | 00 |
| D121 | (Not display) | 00 - FF | 00 |
| D122 | (Not display) | 00 - FF | 00 |
| D123 | (Not display) | 00 - FF | 00 |
| D124 | (Not display) | 00 - FF | 00 |
| D125 | (Not display) | 00 - FF | 00 |
| D126 | (Not display) | 00 - FF | 00 |
| D127 | (Not display) | 00 - FF | 00 |
| D128 | (Not display) | 00 - FF | 00 |
| D129 | (Not display) | 00 - FF | 00 |
| D130 | (Not display) | 00 - FF | 00 |
| D131 | (Not display) | 00 - FF | 00 |
| D132 | (Not display) | 00 - FF | 00 |
| D133 | (Not display) | 00 - FF | 00 |
| D134 | (Not display) | 00 - FF | 00 |
| D135 | (Not display) | 00 - FF | 00 |
| D136 | (Not display) | 00 - FF | 00 |
| D137 | (Not display) | 00 - FF | 00 |
| D138 | (Not display) | 00 - FF | 00 |
| D139 | (Not display) | 00 - FF | 00 |
| D140 | (Not display) | 00 - FF | 00 |
| D141 | (Not display) | 00 - FF | 00 |
| D142 | (Not display) | 00 - FF | 00 |
| D143 | (Not display) | 00 - FF | 00 |
| D144 | (Not display) | 00 - FF | 00 |
| D145 | (Not display) | 00 - FF | 00 |
| D146 | (Not display) | 00 - FF | 00 |
| D147 | (Not display) | 00 - FF | 00 |
| D148 | (Not display) | 00 - FF | 00 |
| D149 | (Not display) | 00 - FF | 00 |
| D150 | (Not display) | 00 - FF | 00 |
| D151 | (Not display) | 00 - FF | 00 |
| D152 | (Not display) | 00 - FF | 00 |
| D153 | (Not display) | 00 - FF | 00 |
| D154 | (Not display) | 00 - FF | 00 |
| D155 | (Not display) | 00 - FF | 00 |
| D156 | (Not display) | 00 - FF | 00 |
| D157 | (Not display) | 00 - FF | 00 |
| D158 | (Not display) | 00 - FF | 00 |
| D159 | (Not display) | 00 - FF | 00 |
| D160 | (Not display) | 00 - FF | 00 |
| D161 | (Not display) | 00 - FF | 00 |
| D162 | (Not display) | 00 - FF | 00 |
| D163 | (Not display) | 00 - FF | 00 |
| D164 | (Not display) | 00 - FF | 00 |
| D165 | (Not display) | 00 - FF | 00 |
| D166 | (Not display) | 00 - FF | 00 |
| D167 | (Not display) | 00 - FF | 00 |
| D168 | (Not display) | 00 - FF | 00 |
| D169 | (Not display) | 00 - FF | 00 |
| D170 | (Not display) | 00 - FF | 00 |
| D171 | (Not display) | 00 - FF | 00 |
| D172 | (Not display) | 00 - FF | 00 |
| D173 | (Not display) | 00 - FF | 00 |
| D174 | (Not display) | 00 - FF | 00 |
| D175 | (Not display) | 00 - FF | 00 |
| D176 | (Not display) | 00 - FF | 00 |
| D177 | (Not display) | 00 - FF | 00 |
| D178 | (Not display) | 00 - FF | 00 |
| D179 | (Not display) | 00 - FF | 00 |
| D180 | (Not display) | 00 - FF | 00 |
| D181 | (Not display) | 00 - FF | 00 |
| D182 | (Not display) | 00 - FF | 00 |
| D183 | (Not display) | 00 - FF | 00 |
| D184 | (Not display) | 00 - FF | 00 |
| D185 | (Not display) | 00 - FF | 00 |
| D186 | (Not display) | 00 - FF | 00 |
| D187 | (Not display) | 00 - FF | 00 |

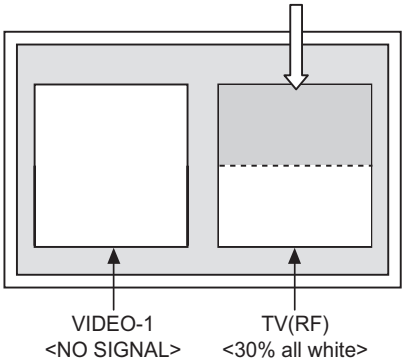
#### 4.6.5 MAIN CPU SYETEM SETTING (*Fixed values)

| Item No. | Item name | Variable range | Setting value |
|---|---|---|---|
| Z001 | (Not display) | 00 - FF | 00 |
| Z002 | (Not display) | 00 - FF | 00 |
| Z003 | (Not display) | 00 - FF | 00 |
| Z004 | (Not display) | 00 - FF | 00 |
| Z005 | (Not display) | 00 - FF | 00 |
| Z006 | (Not display) | 00 - FF | 00 |
| Z007 | (Not display) | 00 - FF | 00 |
| Z008 | (Not display) | 00 - FF | 00 |
| Z009 | (Not display) | 00 - FF | 00 |
| Z010 | (Not display) | 00 - FF | 00 |

## 4.7 ADJUSTMENT PROCEDURE

### 4.7.1 VIDEO CIRCUIT

| Item | Measuring instrument | Test point | Adjustment part | Description |
|---|---|---|---|---|
| **625i<br>A-D OFFSET** | Remote control unit<br><br>Signal generator | | [1.ADJUST]<br>S001: PREPARE<br>(Adjustment setting mode change)<br><br>S008: 5i CB OF(625i cb offset)<br>S009: 5i CR OF(625i cr offset)<br><br>S030: R DRIVE(Red drive)<br>S031: G DRIVE(Green drive)<br>S032: B DRIVE(Blue drive) | (1) Receive a 625i component ramp pattern signal.<br>(2) Set PICTURE MODE to "**STANDARD**".<br>(3) Set ZOOM to "**FULL**".<br>(4) Set COLOUR TEMP. to "**NORMAL**".<br>(5) Select "**1.ADJUST**" from the SERVICE MODE.<br>(6) Set **< S030 >** (R DRIVE), **< S031 >** (G DRIVE) and **< S032 >** (B DRIVE) to "**133**".<br>(7) Set **< S001 >** (adjustment setting mode change) to set "**8**" and it change to the 625i A-D offset adjustment setting mode.<br>(8) Adjust **< S008 >** (625i Cb offset) and **< S009 >** (625i Cr offset) to lose the gap (red line, green line and blue line) which appears at both ends of a white part at the centre of the screen.<br>(9) Set **< S001 >** to set "**0**" and it change to the normal mode.<br>(10) Press the **[MUTING]** key to memoirze the set value. |
|  | | | | |
| **1125i (50Hz)<br>BRIGHTNESS** | Remote control unit<br><br>Signal generator | | [1.ADJUST]<br>S001: PREPARE<br>(Adjustment setting mode change)<br><br>S012: HD BL(1125i brightness)<br><br>S030: R DRIVE(Red drive)<br>S031: G DRIVE(Green drive)<br>S032: B DRIVE(Blue drive) | (1) Receive a 1125i (50Hz) gray scale pattern signal.<br>(2) Set PICTURE MODE to "**STANDARD**".<br>(3) Set ZOOM to "**FULL**".<br>(4) Set COLOUR TEMP. to "**NORMAL**".<br>(5) Select "**1.ADJUST**" from the SERVICE MODE.<br>(6) Set **< S030 >** (R DRIVE), **< S031 >** (G DRIVE) and **< S032 >** (B DRIVE) to "**133**".<br>(7) Set **< S001 >** (adjustment setting mode change) to set the values "**12**" and it change to the 1125i black level adjustment setting mode.<br>(8) Adjust **< S012 >** (1125i brightness) to set the 0% black part in the upper half of the screen to be brightest.<br>(9) Set **< S001 >** to set "**0**" and it change to the normal mode.<br>(10) Press the **[MUTING]** key to memoirze the set value. |
| Set the 0% black part to be brightest.<br>  | | | | |
| **1125i (50Hz)<br>A-D OFFSET** | Remote control unit<br><br>Signal generator | | [1.ADJUST]<br>S001: PREPARE<br>(Adjustment setting mode change)<br><br>S013: HD CB OF(1125i cb offset)<br>S014: HD CR OF(1125i cr offset)<br><br>S030: R DRIVE(Red drive)<br>S031: G DRIVE(Green drive)<br>S032: B DRIVE(Blue drive) | (1) Receive a 1125i (50Hz) 30% all white pattern signal.<br>(2) Set PICTURE MODE to "**STANDARD**".<br>(3) Set ZOOM to "**FULL**".<br>(4) Set COLOUR TEMP. to "**NORMAL**".<br>(5) Select "**1.ADJUST**" from the SERVICE MODE.<br>(6) Set **< S030 >** (R DRIVE), **< S031 >** (G DRIVE) and **< S032 >** (B DRIVE) to "**133**".<br>(7) Set **< S001 >** (adjustment setting mode change) to set "**13**" and it change to the 1125i A-D offset adjustment setting mode.<br>(8) Adjust **< S013 >** (1125i Cb offset) to minimize the blue noise in the upper half of the screen.<br>(9) Set **< S014 >** (1125i Cr offset) to minimize the blue noise in the upper half of the screen.<br>(10) Set **< S001 >** to set "**0**" and it change to the normal mode.<br>(11) Press the **[MUTING]** key to memoirze the set value. |
| Minimize the red and blue noises in the upper half of the screen.<br>  | | | | |

| Item | Measuring instrument | Test point | Adjustment part | Description |
|---|---|---|---|---|
| **SUB SCREEN A-D OFFSET**<br><br>Set the 0% block part to be brightest.<br>  <br> | Remote control unit<br><br>Signal generator | | [1.ADJUST]<br>S001: PREPARE<br>(Adjustment setting mode change)<br><br>S016: RT CB OF<br>(Sub screen cb offset)<br>S017: RT CR OF<br>(Sub screen cr offset)<br><br>S030: R DRIVE(Red drive)<br>S031: G DRIVE(Green drive)<br>S032: B DRIVE(Blue drive) | (1) Set PICTURE MODE to "**STANDARD**".<br>(2) Set ZOOM" to "**FULL**".<br>(3) Set COLOUR TEMP. to "**NORMAL**".<br>(4) Set MULTI SCREEN to "**2 pictures**".<br>(5) Receive a PAL 30% all white pattern signal on the right screen. At the same time, set the Left screen in VIDEO-1 mode (No signal).<br>(6) Select "**1.ADJUST**" from the SERVICE MODE.<br>(7) Set **< S030 >** (R DRIVE), **< S031 >** (G DRIVE) and **< S032 >** (B DRIVE) to "**133**".<br>(8) Set **< S001 >** (adjustment setting mode change) to set **"17"** and it change to the sub screen A-D offset adjustment setting mode.<br>(9) Adjust **< S016 >** (Sub screen cb offset) to minimize the blue noise in the upper half of the screen.<br>**If you select an adjustment item < S016 >, then the screen automatically turn to twin pictures mode.**<br>(10) Adjust **< S017 >** (Sub screen cr offset) to minimize the red noise in the upper half of the screen.<br>(11) Readjust **< S016 >** and **< S017 >** to set the upper half of the screen to be the blackest.<br>(12) Set **< S001 >** to set "**0**" and it change to the normal mode.<br>(13) Press the **[MUTING]** key to memoirze the set value. |
| **WHITE BALANCE (HIGHLIGHT)** | Remote control unit<br><br>Signal generator | | [1.ADJUST]<br>S030: R DRIVE (Red drive)<br>S031: G DRIVE (Green drive)<br>S032: B DRIVE (Blue drive) | (1) Receive a PAL 75% all white signal.<br>(2) Set PICTURE MODE to "**STANDARD**".<br>(3) Set ZOOM to "**FULL**".<br>(4) Set COLOUR TEMP. to "**NORMAL**".<br>(5) Select "**1.ADJUST**" from the SERVICE MODE.<br>(6) Adjust to Keep one of **< S030 >** (Red drive), **< S031 >** (Green drive) or **< S032 >** (Blue drive) unchanged, then lower the other two so that the all-white screen is equally white throughout.<br>**NOTE:**<br>Set one or more of **< S030 >**, **< S031 >**, and **< S032 >** to "**85**".<br>(7) Check that white balance is properly tracked from low light to high light. If the white balance tracking is deviated, adjust to correct it.<br>(8) Press the **[MUTING]** key to memoirze the set value. |

# SECTION 5
# TROUBLESHOOTING

## 5.1 SELF CHECK FEATURE

### 5.1.1 OUTLINE

This unit comes with the "Self check" feature, which checks the operational state of the circuit and displays/saves it during failure.Diagnosis is performed when power is turned on, and information input to the main microcomputer is monitored at all time.Diagnosis is displayed in 2 ways via screen display and LED flashes. Failure detection is based on input state of $I^2C$ bus and the various control lines connected to the main microcomputer.

### 5.1.2 HOW TO ENTER THE SELF CHECK MODE

Before entering the SERVICE MODE, confirm that the setting of VCR/TV/ DVD switch is at the "**TV**" side. If the switches have not been properly set, you cannot enter the SERVICE MODE.

(1) Press the **[INFORMATION]** key and **[MUTING]** key simultaneously, then enter the SERVICE MODE.
(2) Press the **[2]** key SELF CHECK MODE.
(3) Press the **[RED (ZOOM)]** key to enter Page 2 of the SELF CHECK MODE.
*Use the **[GREEN (3D SOUND)]** key to toggle between Page 1 and Page 2.

**NOTE:**

When a number key other than the **[2]** key is pressed in the SERVICE MODE screen, the other relevant screen may be displayed.
This is not used in the SELF CHECK MODE. Press the **[MENU]** key to return to the MAIN MENU SCREEN.

### 5.1.3 HOW TO EXIT THE SELF CHECK MODE

**To Save Failure History:**

Turn off the power by unplugging the AC power cord plug when in the Self check display mode.

**To Clear (Reset) Failure History:**

Turn off the power by pressing the **[POWER]** key on the remote control unit when in the Self check display mode.

### 5.1.4 FAILURE HISTORY

Failure history can be counted up to 9 times for each item. When the number exceeds 9, display will remain as 9. Failure history will be stored in the memory unless it has been deleted.

**NOTE:**

Only SYNC (with/without sync signals) will be neither counted nor stored.

### 5.1.5 POINTS TO NOTE WHEN USING THE SELF CHECK FEATURE

In addition to circuit failures (abnormal operation), the following cases may also be iagnosed as "Abnormal" and displayed and counted as "NG".

(1) Temporary defective transmissions across circuits due to pulse interruptions
(2) Misalignment in the on/off timing of power for $I^2C$ bus (VCC) when turning on/off the main power.

Diagnosis may be impeded if a large number of items are displayed as "NG". As such, start Self check check only after 3 seconds in the case of receivers and 5 seconds in the case of panels upon turning on the power. If recurrences are expected, ensure to clear (reset) the failure history and record the new diagnosis reults.

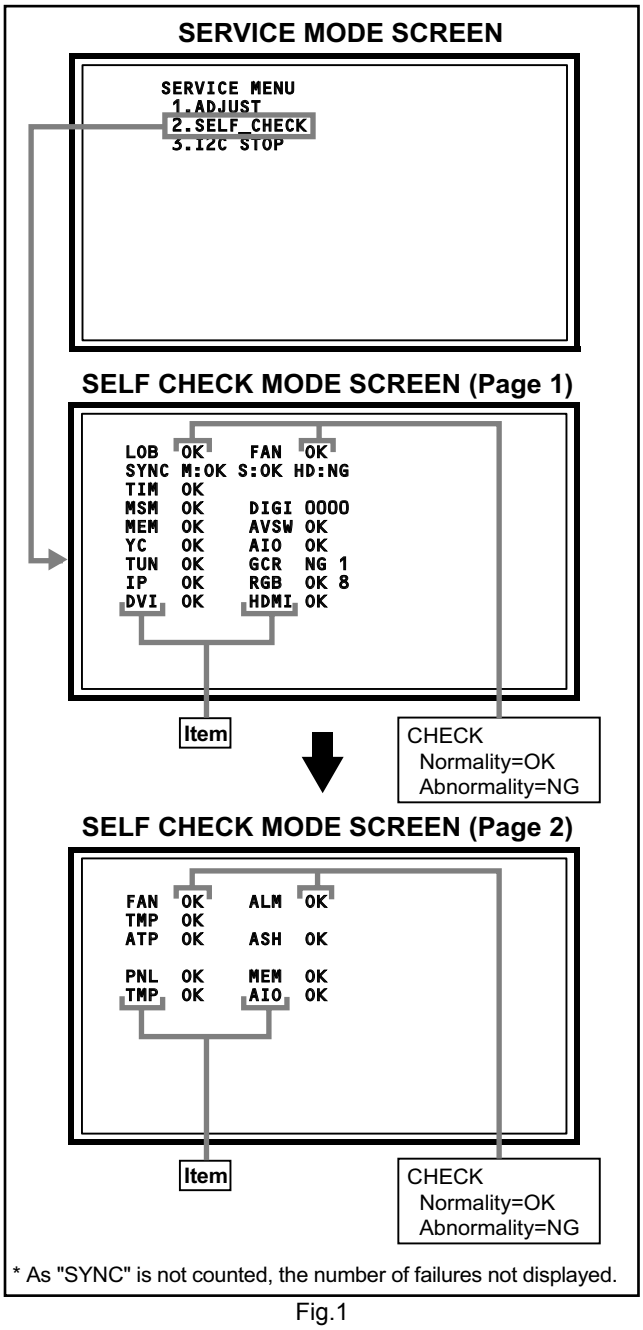



Fig.1

### 5.1.6 DETAILS

Self check is performed for the following items:

**< Page 1 of screen >**

| Detection item | Display | Detection content | Diagnosis signal (line) | Detection timing |
|---|---|---|---|---|
| Low bias line short protection | LOB | Confirmation of operation of the low bais (2.5V / 3.3V / 5V / 9V) protection circuit. **Q9801 , Q9822 [REGULATOR PWB]** | LB_PRO | Detection starts 3 seconds after the power is turned on. If error continues between 400ms the power is turned off. |
| Abnormal rise of temperature in audio circuit | FAN | Confirmation of the temperature of audio circuit. **TH6661 [ANALOG SIGNAL PWB]** | SDA | Detection starts 3 seconds after the power is turned on. If the temperture of 90°C is detected for 3 seconds the power is turned off. |
| Presence of sync signal | SYNC | Confirmation of presence of video sync signal. M : Main sync signal S : Sub sync signal HD : Component sync signal **IC201 [ANALOG SIGNAL PWB]** | SDA | Confirmation of presence of sync signal in video signal. |
| AC power input | TIM | Not used. | --- | --- |
| Main CPU communication | MSM | Not used. | --- | --- |
| Digital tuner | DIGI | Not used. | --- | --- |
| Main memory | MEM | Confirmation of reply of ACK signal which uses $I^2C$ communication. **IC7602 [DIGITAL SIGNAL PWB]** | SDA | Same as above. |
| AV select switch | AVSW | Same as above. **IC301, IC501 [ANALOG SIGNAL PWB]** | SDA | Same as above. |
| 3 dimensions YC separator | YC | Not used. | --- | --- |
| Multi sound process | AIO | Not used. | --- | --- |
| RF tuner | TUN | Confirmation of reply of ACK signal which uses $I^2C$ communication. **TU3001 [RECEIVER PWB]** | SDA | If it checks whenever $I^2C$ communication is performed and no reply of ACK signal an error will be counted. |
| Ghost reduction | GCR | Not used. | --- | --- |
| DIST process | IP | Confirmation of reply of ACK signal which uses $I^2C$ communication. **IC3001 [DIGITAL SIGNAL PWB]** | SDA | If it checks whenever $I^2C$ communication is performed and no reply of ACK signal an error will be counted. |
| RGB process | RGB | Confirmation of reply of ACK signal which uses $I^2C$ communication. **IC3001 [DIGITAL SIGNAL PWB]** | SDA | If it checks whenever $I^2C$ communication is performed and no reply of ACK signal an error will be counted. |
| DVI (Digital communication) | DVI | Not used. | --- | --- |
| Digital input | HDMI | Confirmation of reply of ACK signal which uses $I^2C$ communication. | SDA | If it checks whenever $I^2C$ communication is performed and no reply of ACK signal an error will be counted. |

**< Page 2 of screen >**

| Detection item | Display | Detection content | Diagnosis signal (line) | Detection timing |
|---|---|---|---|---|
| Fan lock | FAN | Not used. | --- | --- |
| Abnormal of operation of PANEL | ALM | Not used. | --- | --- |
| Abnormal rise of temperature in PANEL | TMP | Not used. | --- | --- |
| Abnormal rise of temperature in audio circuit | ATP | Not used. | --- | --- |
| Short circuit detection of audio circuit | ASH | Not used. | --- | --- |
| Panel communication | PNL | Not used. | --- | --- |
| Sub memory | MEM | Not used. | --- | --- |
| Temp. sensor | TMP | Not used. | --- | --- |
| Audio control | AIO | Confirmation of reply of ACK signal which uses $I^2C$ communication. IC6521 **[ANALOG SIGNAL PWB]** | SDA | If it checks whenever $I^2C$ communication is performed and no reply of ACK signal an error will be counted. |

### 5.1.7 METHOD OF DISPLAY WHEN A RASTER IS NOT OUTPUT

In the state where a raster is not output by breakdown of the set, an error is displayed by blink of the POWER LED.

| Type of error | POWER LED flash cycle |
|---|---|
| Low bias line short protection | Low luminance blue turnig on and off at 1 second intervals. |
| Abnormal rise of temperature in audio circuit | High luminance blue turnig on and off at 0.1 second intervals. |

**< Explanation of operation >**

If error is detected, the power is turned off.
Shortly after a power is turned off, POWER LED will be blinked.
Power cannot be turned on until the power cord takes out and inserts, after a power is turned off.

JVC
Victor Company of Japan, Limited
AV & MULTIMEDIA COMPANY DISPLAY CATEGORY 12, 3-chome, Moriya-cho, Kanagawa-ku, Yokohama-city, Kanagawa-prefecture, 221-8528, Japan

(No.YA360)

Printed in Japan
VPT

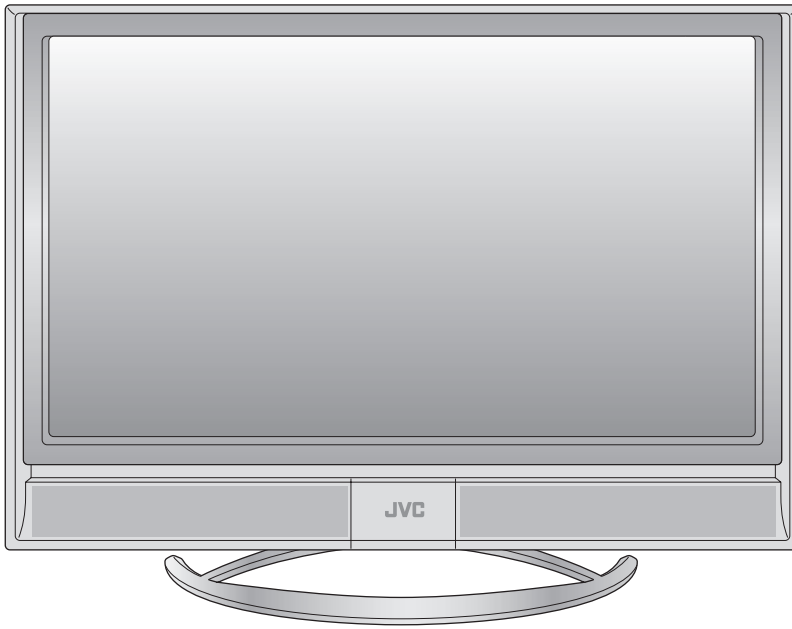
ENGLISH
DEUTSCH
FRANÇAIS
NEDERLANDS
CASTELLANO
ITALIANO
PORTUGUÊS

JVC

# LT-37M60BU LT-37M60ZU

WIDE LCD PANEL TV
16:9 LCD TV
TELEVISEUR A ECRAN LCD PANORAMIQUE
BREEDBEELD LCD TV
TELEVISOR CON PANEL LCD PANORÁMICO
TV LCD WIDESCREEN
TELEVISOR COM ECRÃ PANORÂMICO DE CRISTAL LÍQUIDO

INSTRUCTIONS
BEDIENUNGSANLEITUNG
MANUEL D'INSTRUCTIONS
GEBRUIKSAANWIJZING
MANUAL DE INSTRUCCIONES
ISTRUZIONI
INSTRUÇÕES




HD ready

DynaPiX Powered by D.I.S.T.

InteriArt

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

T-V LINK

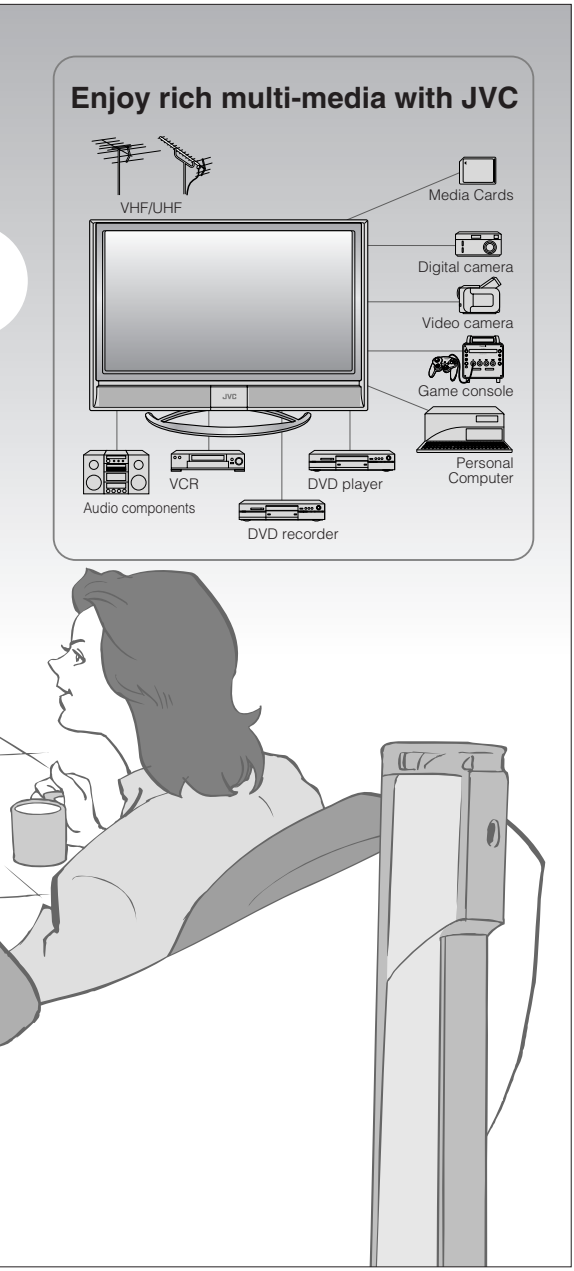



LCT1952-001A-U

# Expanding the world of



# beautiful images




## Contents


### First things first!
- Warning ..... 3

### Getting started
- Names of all the parts ..... 5
- Basic connections ..... 7
- Initial settings ..... 9
- Editing channels ..... 11
  - Registering channels
- Connecting external devices ..... 13

### Let's try it out
- Enjoying your new TV! ..... 15
  - TV / Teletext / Video / etc.
- Watching TV ..... 17
- Viewing teletext ..... 19
- Watching videos / DVDs ..... 21
- Using a media card ..... 23

### Try the advanced features
- Useful functions ..... 27
  - Take a snapshot
  - View and search in multi-picture mode
  - Sleep timer / Child lock

### Just the way you like it
- Customising your TV ..... 29
- Advanced picture adjustment ..... 31
  - Reduce noise / Watch a more natural picture
  - Set the aspect ratio, etc.

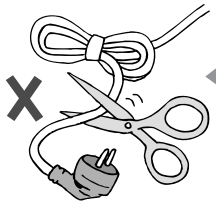
### When you have trouble
- Troubleshooting ..... 33
- Technical information ..... 36
- CH/CC List ..... 37
- Specifications ..... 38

# Warning

Please follow all the guidelines below

## Never cut or damage the power cord!

- If the AC plug is not the right shape, or the power cord is not long enough, use an appropriate plug adapter or extension cable. (Consult your retailer.)



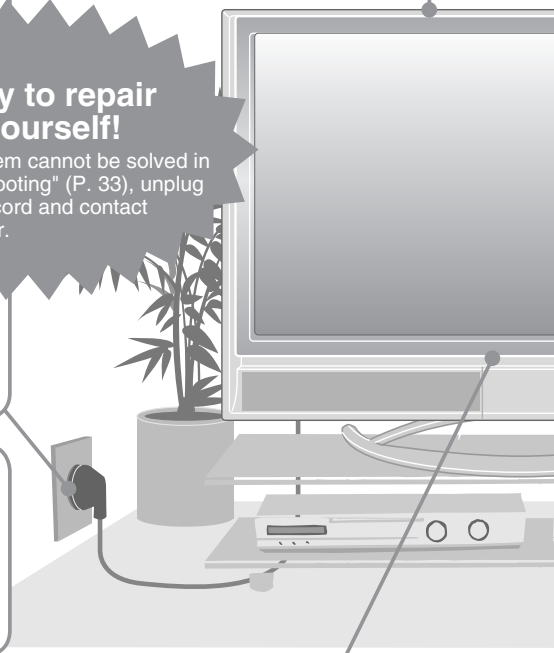
## Never try to repair the TV yourself!

➡If the problem cannot be solved in "Troubleshooting" (P. 33), unplug the power cord and contact your retailer.

## Never place anything on the TV!

- Placing liquids, naked flames, cloths, paper, etc. on the TV may cause a fire.



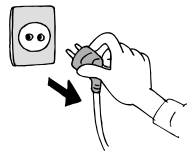


## Follow this manual regarding setup!

- Connect only to a 110-240V, 50/60Hz AC outlet.

## Unplug the power cord when going out!

- The power buttons on the remote control and the TV unit cannot completely turn off the TV. (Make appropriate arrangements for bedridden people.)



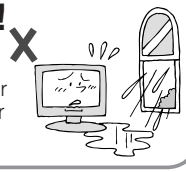
## Never insert objects into the cabinet openings!

- It may cause a fatal electric shock. Take care when children are near.



■For more details on installation, usage and safety ➡ Consult your retailer

## Never expose to rain or moisture!



- To prevent fire or electric shock, never allow liquids to enter the unit.

## Do not allow the TV to fall!

- Do not rest your elbows on, or allow children to hang from the TV.
  There is a risk that the TV will fall and cause injuries.

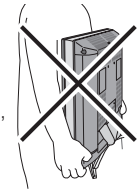
## If the TV is damaged or behaving strangely, stop using it at once!

➡Unplug the power cord and contact your retailer.

## Hold the TV so as not to scratch the screen!

- Do not touch the screen when carrying the TV.

## Do not carry the TV on your own!



- In order to prevent accidents, ensure that the TV is carried by two or more people.



## When attaching the TV to the wall, use the optional JVC wall mounting unit!

- Consult a qualified technician.
- See the included manual on mounting procedures.
- JVC assumes no responsibility for damage due to improper mounting.

## Never dismantle the rear panel!

- It may cause an electric shock.

## Never obstruct the ventilation holes!

- It may cause overheating or a fire.

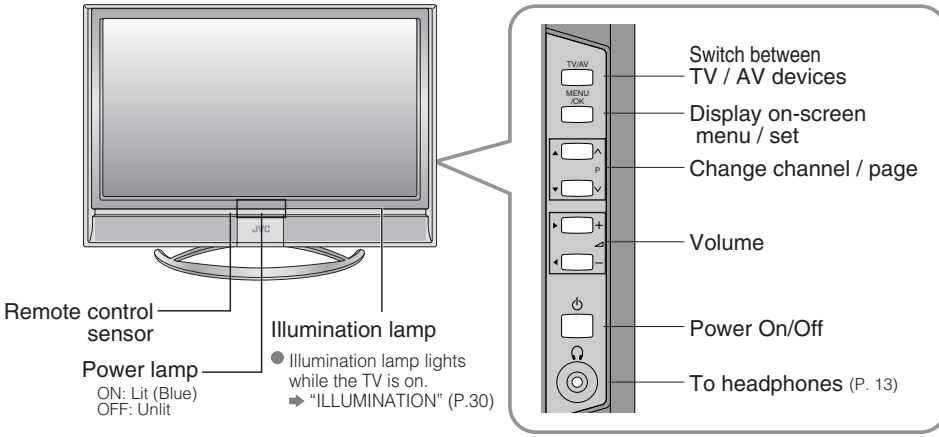
## Handle LCD panel with care!

- Use a soft, dry cloth when cleaning.

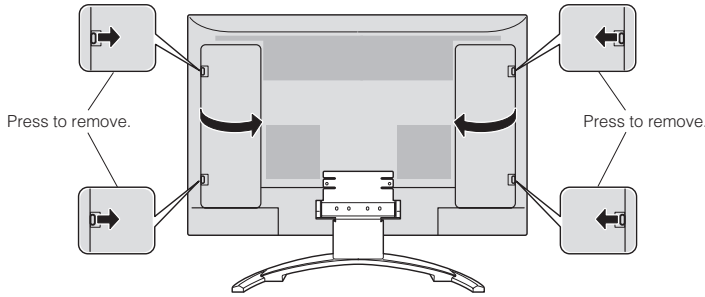
## Never listen to headphones at high volume!

- It may damage your hearing.

# Names of all the parts

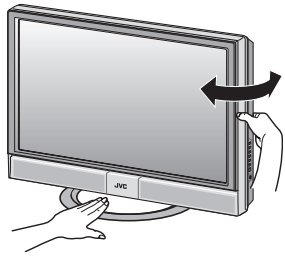



## Remove the terminal covers

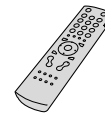



- If the cover cannot be closed due to the cables being in the way
  ➡ Do not force the cover to close (leave it open).
- Connecting terminals on the back of the TV ➡ Connecting External devices (P. 13)

## Change the direction of TV



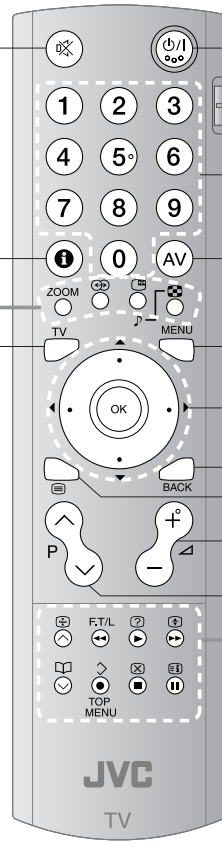
## Check accessories



Remote control
(RM-C1811H)



AA/R6 Batteries
(For confirming the TV works)




Mute

Power On / Off

Switch between VCR / TV / DVD (P. 21)

Change the channel / page

Channel information (P. 17)

Watch video, etc. (P. 21)

Return to TV

To menu (P. 29)

Select and confirm settings in menus

To the previous channel

To teletext (P. 19)

Volume

Change the channel / page

■When watching TV / Video

Change the aspect ratio (P. 17)

Turn on 3D sound (P. 17)

ZOOM

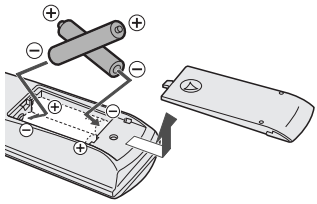
Take a snapshot of the screen (P. 27)

View in multi-picture mode (P. 27)

■When viewing teletext (P. 19)

■Insert the batteries

Use two AA/R6 dry cell batteries.
Insert the batteries from the ⊖ end, making sure the ⊕ and ⊖ polarities are correct.



■When viewing teletext (P. 19)

Hold the current page

Bookmark pages

Reveal hidden pages

Enlarge the text

F.T/L

TOP MENU

Switch briefly between teletext and TV

To index page

■When watching TV (P. 17)

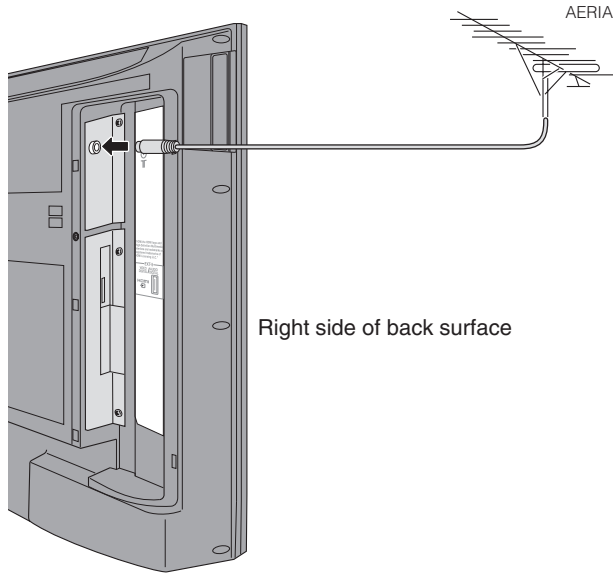
■When operating a JVC VCR or DVD (P. 21)

# Basic connections

Please read the user manuals of each device carefully before setup.
It is necessary to connect an aerial to watch TV.

■Connect with other devices ➡ "Connecting external devices" (P. 13)

## Connect the aerial




● After all the connections have been made, insert the plug into an AC outlet.

## Care when setting

■Power requirements

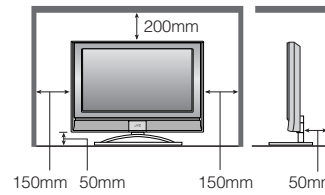
● Connect the power cord only to a 110-240V, 50/60Hz AC outlet.

■When attaching the TV to the wall, use the optional JVC wall mounting unit

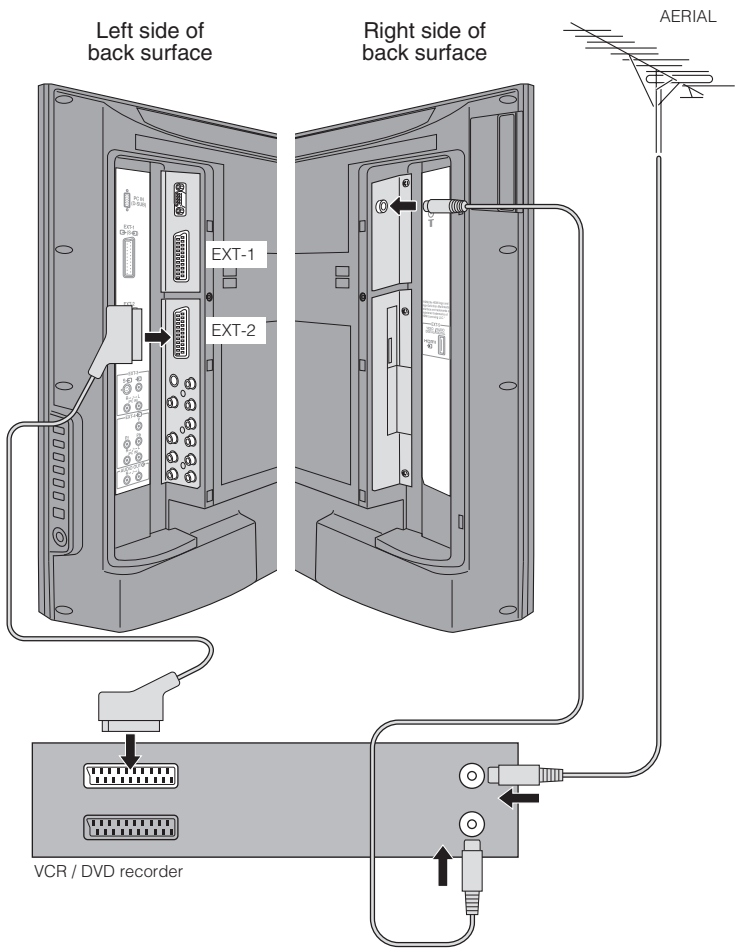
● Consult a qualified technician.
● See the included manual on mounting procedures.
● JVC assumes no responsibility for damage due to improper mounting.

■Installation requirements

● To avoid overheating, ensure the unit has ample room.



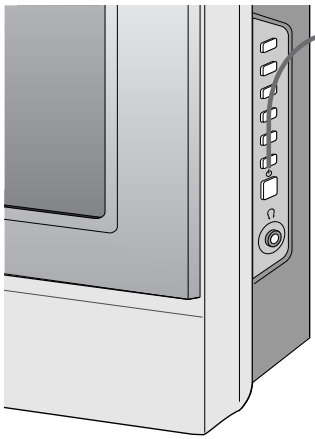
# Connect a VCR / DVD recorder

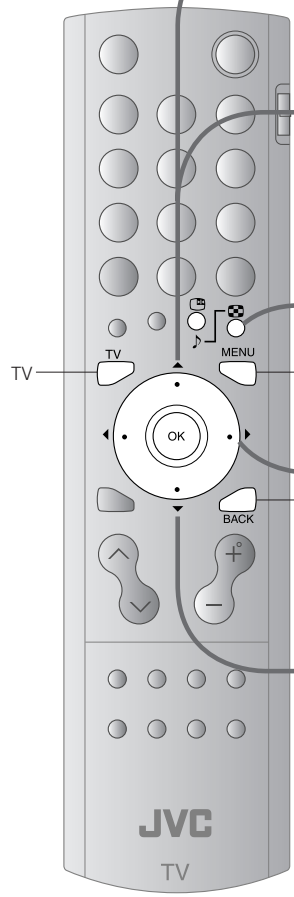



- After all the connections have been made, insert the plug into an AC outlet.
- Connect T-V LINK compatible recording device to EXT-2.
- T-V LINK ➡ "What is T-V LINK?" (P. 9)

# Initial settings

Set the menu language, installation location and automatically register the TV channels.
These channels can be edited later in "Editing channels" (P. 11).
(Channel data on the TV can be sent to a connected recording device that is compatible with T-V LINK.)






■To the previous screen ➡ BACK

■Exit ➡ TV

■If the "JVC" logo does not appear or if you wish to make changes later

➡"LANGUAGE" and "AUTO PROGRAM" (P. 30)

## What is "T-V LINK"?

Connecting the TV to a T-V LINK compatible device allows :

- Channels on the TV to be instantly registered on the device.
- The "DIRECT REC" function to be used.

➡"Technical information" (P. 36)

■T-V LINK variations

"T-V LINK" (JVC) "Q-LINK" (Panasonic)
"Megalogic" (Grundig) "Data Logic" (Metz)
"SMARTLINK" (Sony) "Easy Link" (Philips)

## 1 Begin



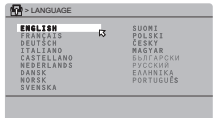


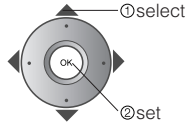




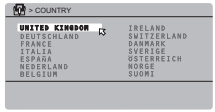
- Shown only when powering on for the first time.
- The power on the remote control can also be used.

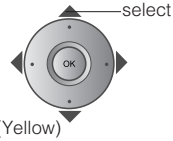
## 2 Select a language




## 3 Select the country of installation

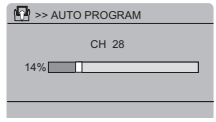



- For the next page ➡ ◯ (Yellow)

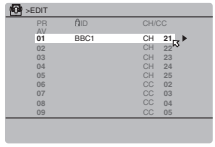
## 4 Automatically register channels






- If "ACI START" appears, select and start settings. (This will set up cable television channels.)
  ➡"What is ACI (Automatic Channel Installation)?" (P. 36)

## 5 Check what was registered



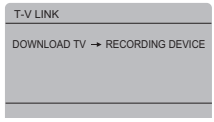

■Edit channels

➡④ in "Editing channels" (P. 11)

■Confirm




## 6 Finish

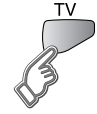



■When using T-V LINK




- If "FEATURE NOT AVAILABLE" appears :
  ➡Is the T-V LINK compatible device connected to EXT-2?
  ➡Is the device turned on?

■When not using T-V LINK



# Editing channels

Edit the channels registered with "AUTO PROGRAM" in "Initial settings" (P. 9).

When coming from "Initial settings" (P. 9), skip to ❹.

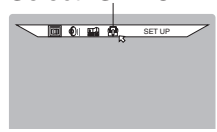



**1** Display the menu bar

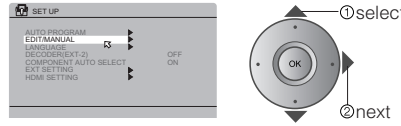
MENU



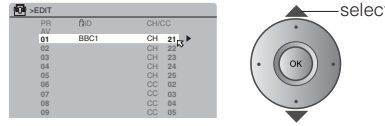
**2** Select "SET UP"




**3** Select "EDIT / MANUAL"




**4** Select a row

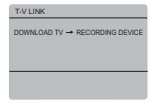



**5** Edit

**6** Confirm settings




**7** Finish

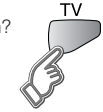



■When using T-V LINK




■When not using T-V LINK

TV



- If "FEATURE NOT AVAILABLE" appears :
  - ➡ Is the T-V LINK compatible device connected to EXT-2?
  - ➡ Is the device turned on?
- T-V LINK ➡ (P. 9)

■To the previous screen

➡ BACK

■Exit

➡ MENU

**Move a channel's position**
MOVE

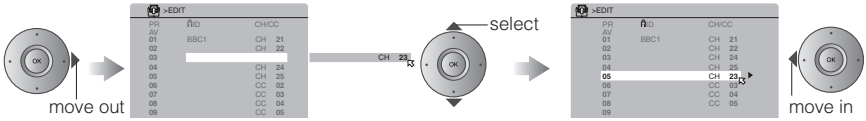
**Edit a channel name**
ID

**Insert a channel**
INSERT

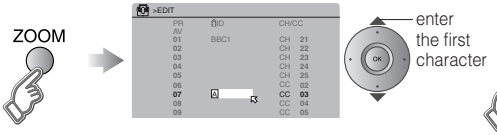
**Delete a channel**
DELETE

**Register a new channel**
MANUAL

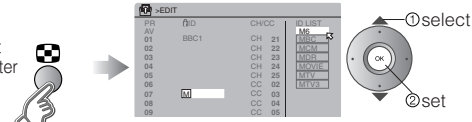
①Begin ②Select a destination ③Finish



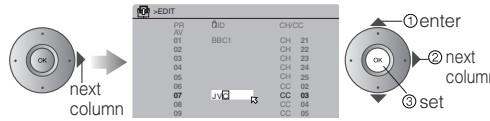

①Begin ②Enter a channel name



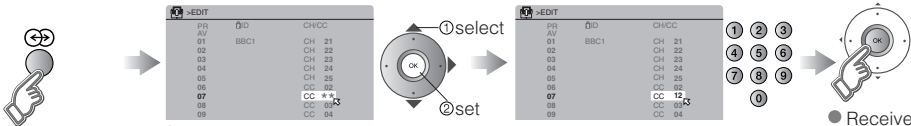

■When selecting a preset name from the ID LIST




■When manually naming a channel




①Begin ②Select a CH / CC ③Enter a number ④Set



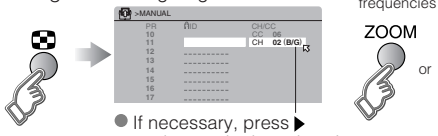

● CH/CC List ➡ (P. 37)

● Receives the broadcast signal.

①Delete



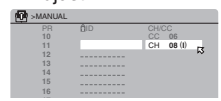
①Begin ②Begining channel search




● If necessary, press ▶ to change the broadcasting system.
➡"Receivable broadcast systems" (P.36)

● Auto-search begins, and the nearest frequency is imported.
➡Repeat the previous steps until the desired channel is displayed

■Adjust

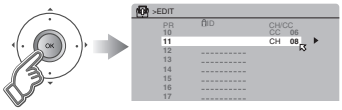


● Picture fine tuning ➡ / 

● Sound fine tuning ➡ 

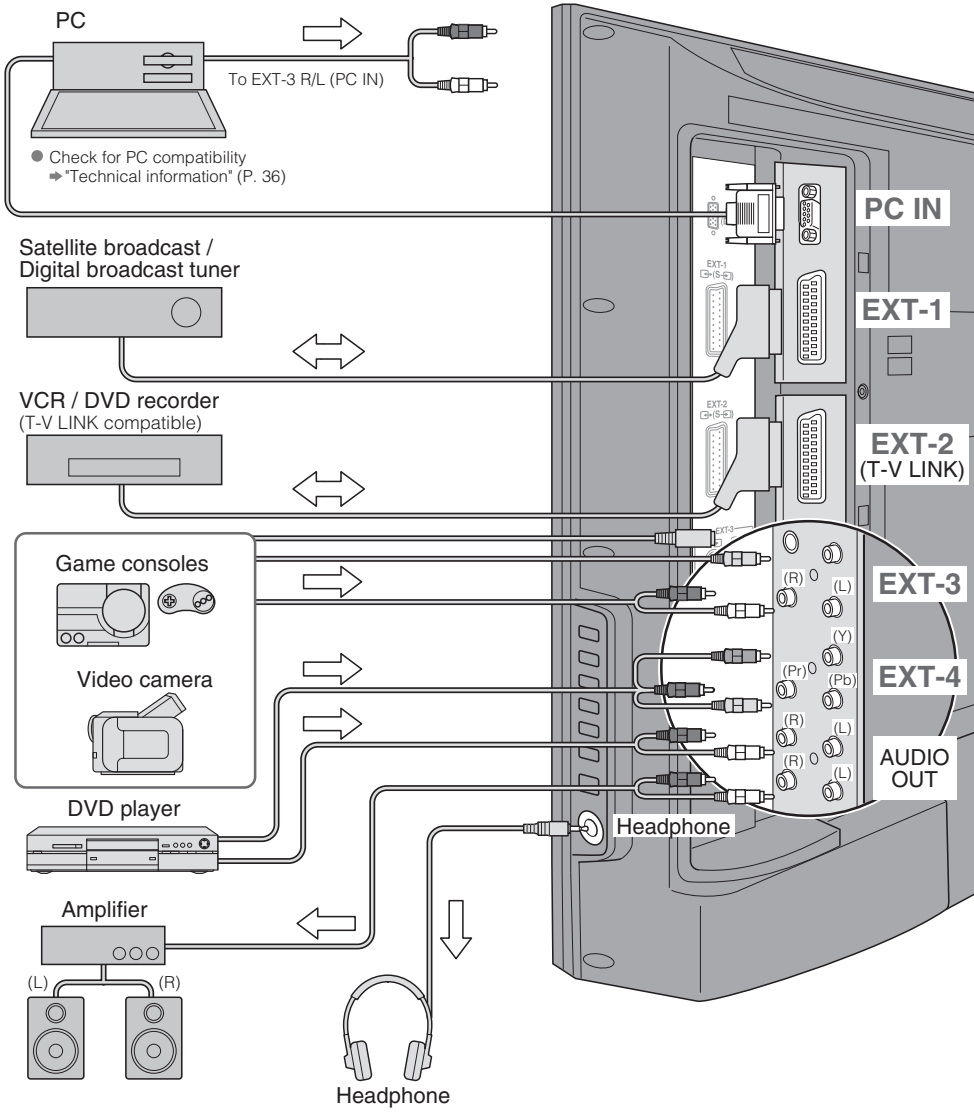
select a system

③Set

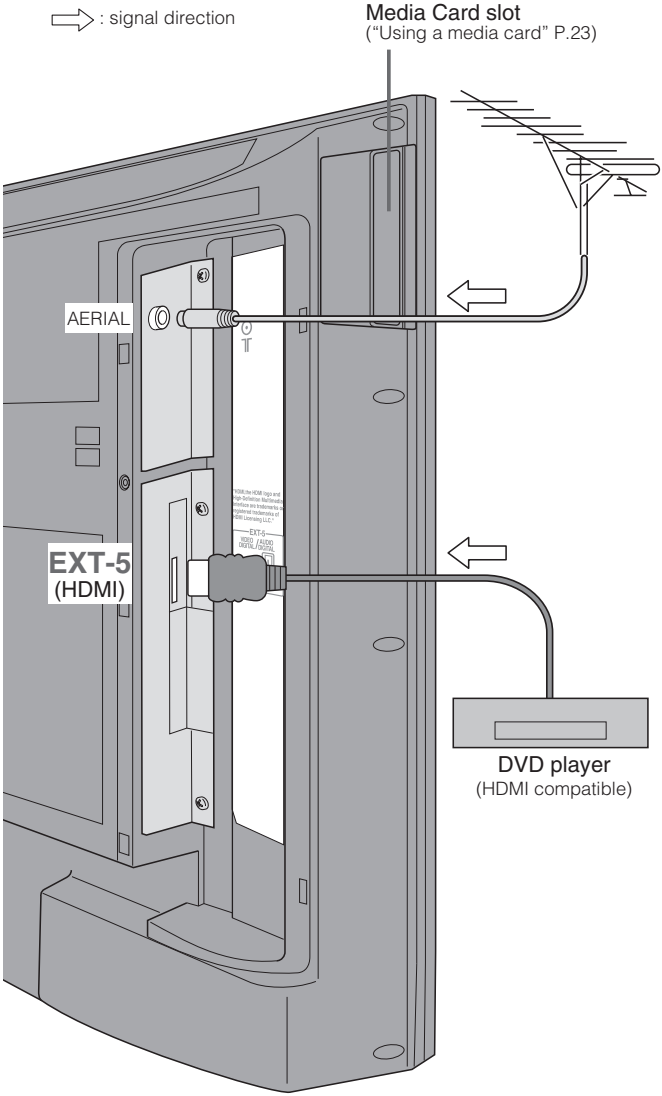


# Connecting external devices

You can connect many different devices to the rear panel of the TV.
Please read the user manuals of each device before setting up.
(Connecting cables are not supplied with this TV.)



# VCR / DVD / other devices




■Connect DVI devices
➡ (P. 36)

■T-V LINK ➡(P. 9)

## EXT-1 Watching videos

| Output ⬆ | Input ⬇ |
|---|---|
| · Composite signal<br>· Sound L / R | · Composite signal / RGB / S-VIDEO<br>· Sound L / R |

● Use S-VIDEO ➡ "S-IN" (P. 22)

## EXT-2 Dubbing videos Using T-V LINK

| Output ⬆ | Input ⬇ |
|---|---|
| · Composite signal<br>· Sound L / R | · Composite signal / RGB / S-VIDEO<br>· Sound L / R |
| · T-V LINK | |

● Use S-VIDEO ➡ "S-IN" (P. 22)
● Select dubbing sources
➡ "DUBBING" (P. 22)
● Connect a decoder
➡ "DECODER (EXT-2)" (P. 30)

## EXT-3 Watching videos

| Output ⬆ | Input ⬇ |
|---|---|
| | · Composite signal / S-VIDEO<br>· Sound L / R |

## EXT-4 Watching DVDs

| Output ⬇ | Input ⬆ |
|---|---|
| | · Component signal (P. 38)<br>· Sound L / R |

● COMPONENT AUTO SELECT ➡ (P. 30)

## EXT-5 Connecting HDMI devices

| Output ⬆ | Input ⬇ |
|---|---|
| | · HDMI signal (P. 38) |

● HDMI SETTING ➡ (P. 30)

**AUDIO OUT**
Listening to the TV on external speakers

| Output ⬇ |
|---|
| · Sound L / R |

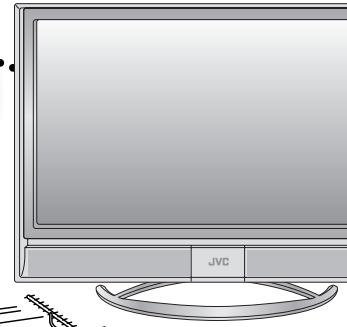
# Enjoying your new TV!

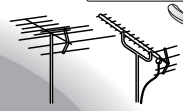



PAGE 23

## Using a media card

- View photos
- Watch videos

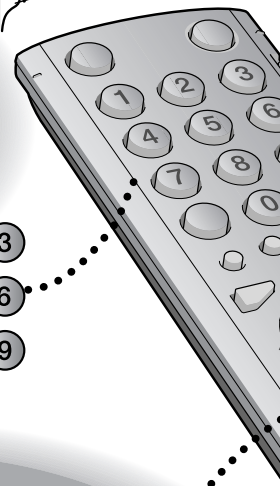


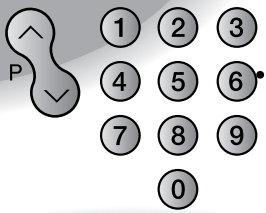



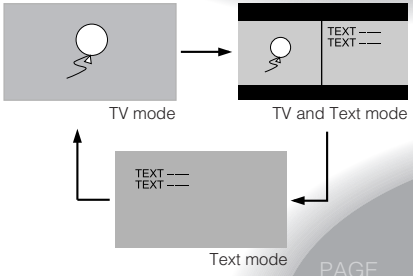
PAGE 17

## Watching TV

- View channel information
- Change the aspect ratio
- Enjoy 3D sound
- Register your favourite channels





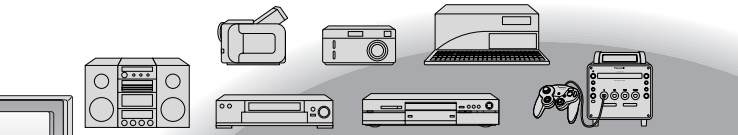






PAGE 19

## Viewing teletext

- Enlarge the text
- To the index page
- Hold the current page
- Switch briefly between teletext and TV
- Bookmark your favourite pages



PAGE 21

# Watching videos / DVDs

- Watch high quality video (S-VIDEO)
- Name connected devices
- Dub videos

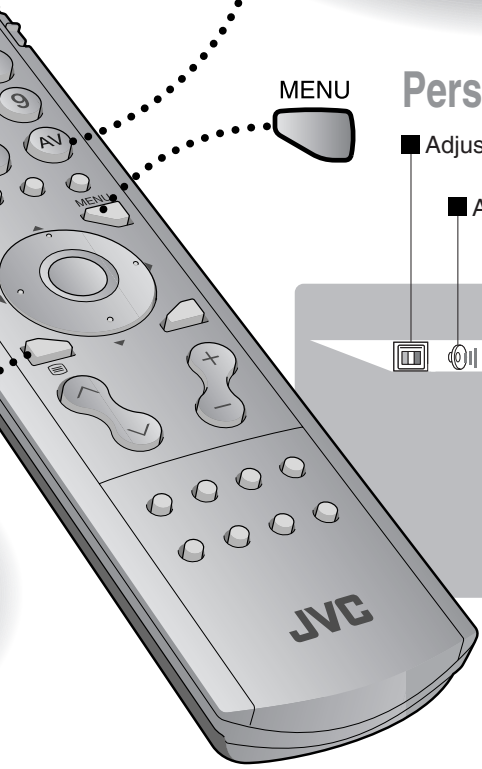
AV

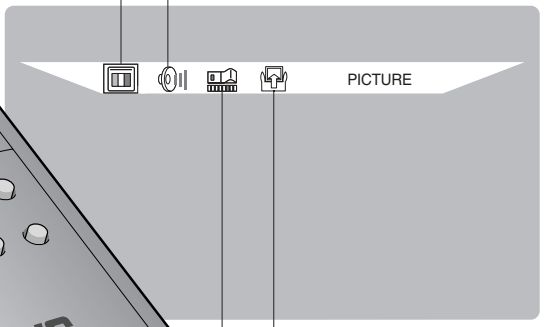
MENU

PAGE 29

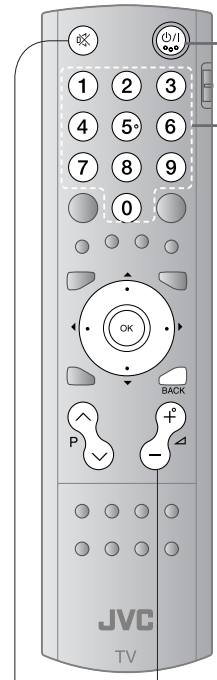
## Personal preferences

- Adjust the picture
- Adjust the sound
- Basic settings
  (channel settings / anti-burn, etc.)
- Advanced settings
  (sleep-timer / child lock, etc.)



# Watching TV




1 Power on



The blue power lamp on the TV lights

- Press again to turn the screen off and put the TV into standby mode.

2 Select a channel

1 2 3
4 5 6
7 8 9
0

■Move up or down a channel




■Switch between stereo / mono / bilingual broadcasting

➡ "STEREO / I・II " ( P. 30)

■To the previous channel

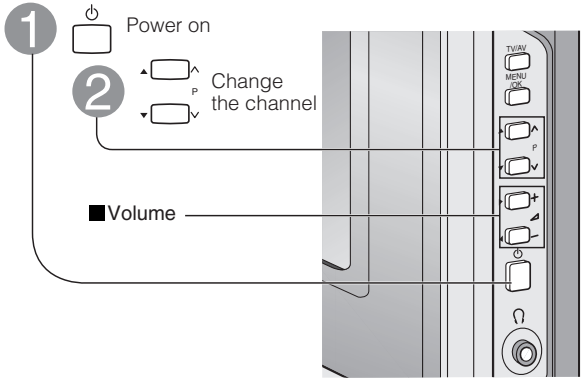



■Mute ■Volume

Note

- To completely turn off the TV, unplug the AC plug.

## Basic operations using the side buttons




**Channel information and clock**

INFORMATION

**Change the aspect ratio**

ZOOM

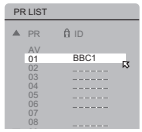
**Enjoy ambient sound**

3D SOUND

**Register a channel to a button**

FAVOURITE CHANNEL






PR LIST
- Channels registered in "Initial settings" will appear here.

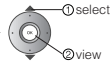



Channel information

Time (in case of having viewed teletext)

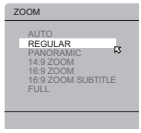
(No indication)

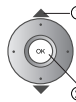
■Select a page ➡  select

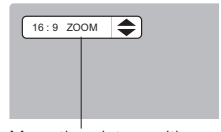
■Select and view a channel ➡ 


ZOOM





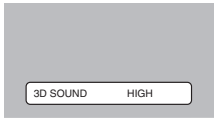




Move the picture with ▲ or ▼ while this bar is displayed

- When set to AUTO, the aspect ratio will turn to the ratio obtained from the information the TV received. Without receiving aspect information, it will be the setting in "4:3 AUTO ASPECT" (P.31)
- Not available in PC mode / 1080i (1125i) / 720p (750p) signals.






HIGH : For stereo sound
↓
LOW : For stereo sound (when the sound distorts in HIGH mode)
↓
MONO : For mono sound (emulates a stereo-like sound)
↓
OFF : Turns off 3D SOUND

While the channel is displayed

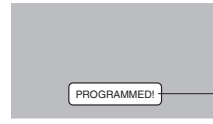


Hold down for 3 seconds




Press the number to register it on

① ② ③ ④




Disappears after a few seconds

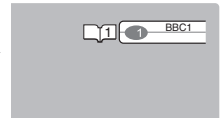
■Recall the favourite channel






Press the number you registered

① ② ③ ④

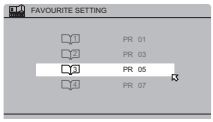



- Customisations (P. 30) to the picture of a favourite channel get saved as well.

■Check your favourite channels ➡ Press (i) and confirm that the channels you have registered have a 📖 beside them

■Delete a favourite channel

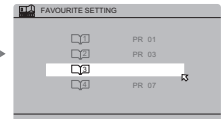
➡MENU" ➡ " " ➡ "FEATURES" ➡ "FAVOURITE SETTING"





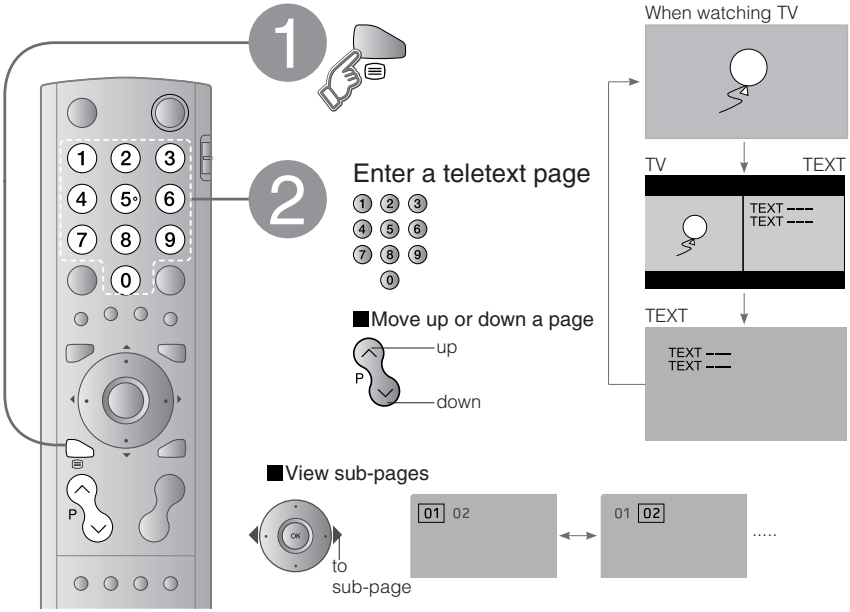




# Viewing teletext

This TV can display TV broadcasts and teletext on the same channel in two windows.




**Bookmark your favourite page**

LIST MODE

1 Display your favourites list

F.T/L

(RED) (GREEN) (YELLOW) (BLUE)

??? ??? ??? ???

2 Select a coloured button to save your page to

??? ??? ??? ???

ZOOM

3 Enter the number of the page to save

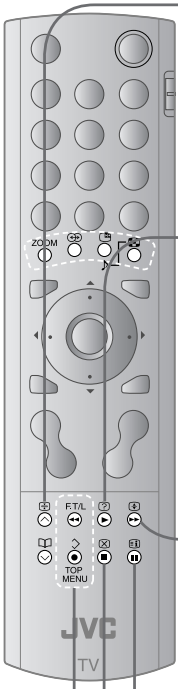
??? 124 ??? ???

1 2 3
4 5 6
7 8 9
0

4 Save

OK

■Recall your favourite page ➡ Press the coloured button as in step 2




**Hold the current page**

HOLD

Hold the current page

■Release ➡ Press again

**Reveal hidden pages**

REVEAL

Display hidden information (answers to quizzes, etc)

1 + 2 =
2 x 3 =

1 + 2 = 3
2 x 3 = 6

**Enlarge the text**

SIZE

Double the size of the displayed text

TEXT SIZE

**To the index page**

INDEX

Returns to page "100" or a previously designated page

**Switch briefly from teletext to TV**

CANCEL

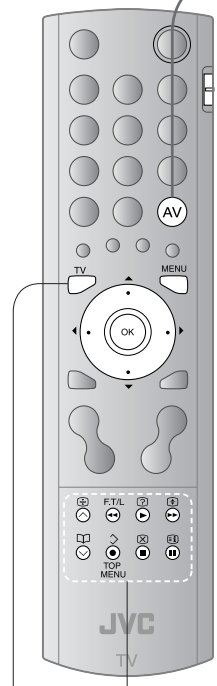
Leave the current page open, while you switch to watch TV

P233
TEXT ---
TEXT ---

P233

● Useful when running a page search.

# Watching videos / DVDs

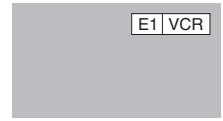



Operate the VCR (DVD)

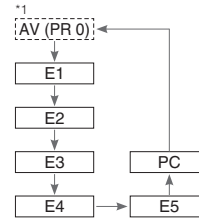
■To TV

## 1 Select the video source




E.g. For EXT-1

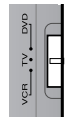



*1 : Only appears when AV has been registered as a channel.

## 2 Operate the connected device and play a video

## Operate JVC VCRs and other devices

**1**



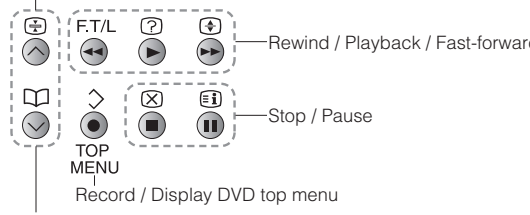

DVD players

VCRs and DVD recorders

**2** Turn on the device

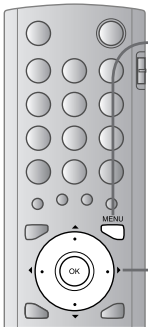


**3** Select a channel (VCR mode)




● Some models of JVC devices cannot be operated with this remote control.

# Advanced functions




1 Display the menu bar

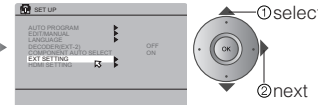
MENU



2 Select "SET UP"



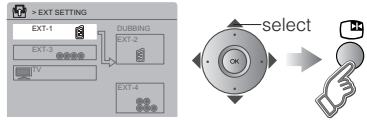

Select "EXT SETTING"



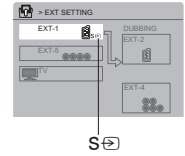

## Switch to S-VIDEO input

S-IN

①Select the EXT connected to S-VIDEO




②Set the S-VIDEO mode



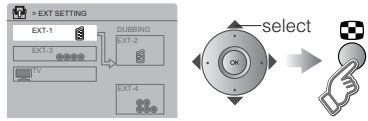

●The device selection display will change from E1 to S1.

■Cancel this mode ➡ Press ⊙ in ② again

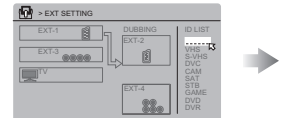
## Edit names of connected devices

ID LIST

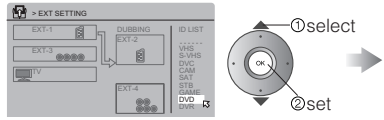
①Select an EXT to assign a name to




②Show the name list




③Select a name from the list

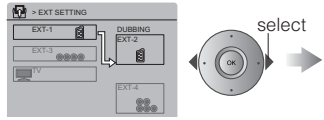



■Clear the name ➡ Select the blank space in ③

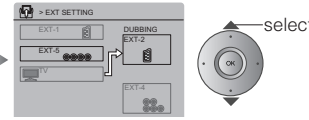
## Set up dubbing on EXT-2

DUBBING

①Select the arrow




②Select the dubbing source



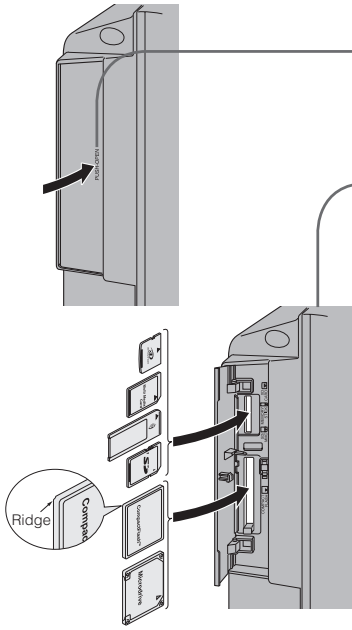
# Using a media card

By inserting a media card into the TV, you can easily view photos taken with a digital camera or videos taken with a JVC digital media camera “Everio”.

■Readable Media Cards:

SD Memory Card, MultiMediaCard, Memory Stick (Memory Stick PRO is not supported), xD-Picture Card, CompactFlash and Microdrive Hard Disk for JVC digital media camera “Everio”.

- Do not use any media card that is not specified. Otherwise, it may cause a malfunction.
- Please read the instruction in this chapter carefully. Improper handling may destroy the data on a card or cause other problems to the TV and the card. JVC will not be responsible for any problems due to improper handling.
- Operation can not be guaranteed if a card conversion adapter is used.




## 1 Open the door.

Push “PUSH-OPEN”.

## 2 Insert the media card.

Follow the illustration exactly when inserting the card. When it cannot be inserted smoothly, do not force it but check the card direction again.

- The message will appear on the screen.

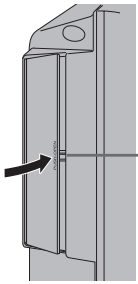
PLEASE CLOSE THE DOOR.

## Operation Confirmed Cards

| | | |
|---|---|---|
| Microdrive Hard Disk (*1) | Hitachi | 2GB, 4GB |
| SD Memory Card | Panasonic | 128MB, 256MB, 512MB, 1GB |
| | LEXAR | 128MB |
| | SanDisk | 32MB, 64MB, 128MB, 256MB |
| CompactFlash | LEXAR | 512MB, 1GB |
| xD-Picture Card | OLYMPUS | 256MB |
| | Fujifilm | 32MB, 64MB, 128MB |
| Memory Stick | SONY | 64MB, 128MB |

*1: Only Microdrive Hard Disk usable for JVC digital media camera “Everio” has been confirmed.

- Cards that are not listed above may not be operable or the data may be earased.
- The above operation confirmed cards are not fully guaranteed to work with this TV.
- Products and company names included in this instruction manual are trademarks and/or registered trademarks of their respective holders.

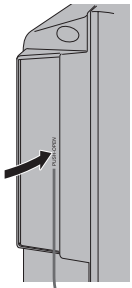


## 3 Close the door.

- MEDIA CARD VIEWER will start up.




- Recognition of the card can take significantly more time if the card contains a large number of files.
- When a message “NO MEDIA DETECTED” appears, insert the card again.



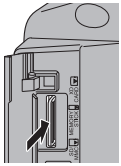
## 4 Operate MEDIA CARD VIEWER according to the explanation on page 25.

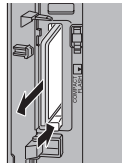
## 5 Stop MEDIA CARD VIEWER.




## 6 Open the door.

Push “PUSH-OPEN”.

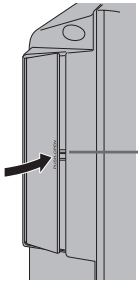




## 7 Remove the media card.

Caution

Do not remove the card before stopping “MEDIA CARD VIEWER”. Otherwise, the TV may not operate properly or the data on the card may be destroyed.



## 8 Close the door.

# Using a media card

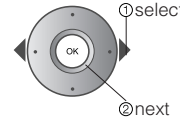
Never unplug the power cord when using Media Card Viewer, the data on the card may be erased. If Media Card Viewer is behaving strangely, remove the card and unplug the power cord, then plug it in again.



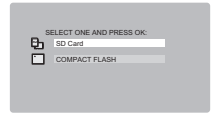

1

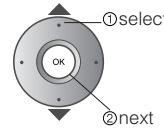
## Select an item.




■When two cards are inserted:
Select a card.




■When no file can be read.

NO FILE IN THIS MODE

2

## Stop MEDIA CARD VIEWER.




TV screen will resume.

■To the previous screen




■Remove the media card. (Step 7 of P. 24)
■Start up MEDIA CARD VIEWER once again.
➡ “MENU” ➡ “ ” ➡ “FEATURES”
➡ “MEDIA CARD VIEWER” (P. 30)

## Compatible File Formats

The file formats that are not listed below are not compatible with this TV. Even if they are listed below, they are not fully guaranteed to work correctly.

| File Formats | | Standard | Codec | Size (pixcels) / Rate | Extension |
|---|---|---|---|---|---|
| Photo | JPEG | Exif 2.0 , JFIF, DCF 2.0 | JPEG | 160 x 120 to 2560 x 1920 | JPG, jpg JPEG, jpeg |
| Video | MPEG-2-PS (*1) | SD-VIDEO | Video: MPEG-2-PS MP/ML Audio: Dolby Digital (*2) | 720 x 576 / PAL, 352 x 288 / PAL, 720 x 480 / NTSC, 352 x 240 / NTSC | MOD, mod |
| | MPEG-4 (*3) | SD-VIDEO ASF | Video: MPEG-4 Simple profile Audio: G.726 | 352 x 288 / 30 frames, 240 x 176 / 15 frames, 160 x 120 / 5 frames | ASF, asf |

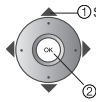
*1: MPEG-2-PS files can only be read in slot for the Microdrive Hard Disk and CompactFlash. Only MPEG-2-PS recorded by JVC digital media camera “Everio” can be played back.
*2: Audio must be Dolby Digital enable to playback the sound data.
*3: MPEG-4 files may not be detected or played back correctly.

● Manufactured under license from Dolby Laboratories. “Dolby”, and the double-D symbol are trademarks of Dolby Laboratories.

# How to use MEDIA CARD VIEWER

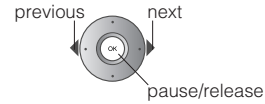
①Select a photo

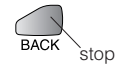




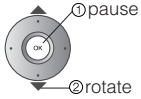

Photos are shown in the form of a slide show.




■Rotate a photo

During slide show

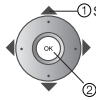



- Photos are shown in alphabetical order of the file names.
- Screen size is automatically adjusted. (Zoom function is not available.)
- The slide-show interval cannot be changed.
- Rotated-photo's data cannot be saved (overwritten) to the card.

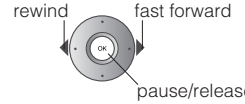
---

①Select a video

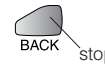




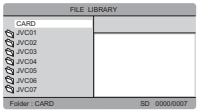



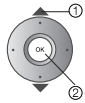

- Videos are played in alphabetical order of the file names.
- Screen size depends on the recorded picture size. (Zoom function is not available.)



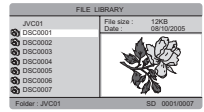

---

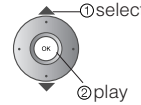
①Open a folder



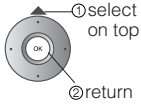




②Play photos and videos




■Return to previous folder



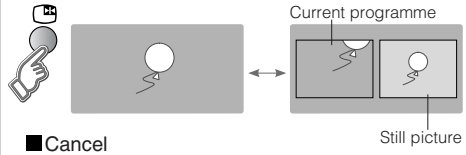

- Photos and videos are played in alphabetical order of the file names.
- Operations other than play/pause/stop can not be made.
- When different types of file format is placed under the same folder, files may not be played back correctly. Be sure to place the files into a separate folders for each format.

- Displaying interval of photos may vary depending on the size of the file.
- Noise may appear during the slideshow.
- When each file uses a different recording format, the screen is temporarily disturbed.
- Only the first 8 characters of the FOLDER or FILE name are displayed. Double-byte characters cannot be displayed.
- Folders and files are displayed in alphabetical order.
- The date will not be displayed when there is no information in the file.
- Motion JPEG is not compatible with this TV.
- Files edited or saved on your PC may not be played back correctly.

# Useful functions

## Take snapshots of the screen

FREEZE



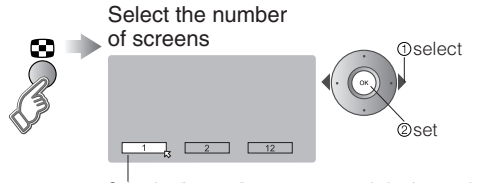

■Cancel

➡ Press again, or change the channel

- Not available when the SUB-PICTURE is displayed, or when in PC mode.
- You cannot save or export the snapshot.

## Watch in multi-picture mode

MULTI-PICTURE



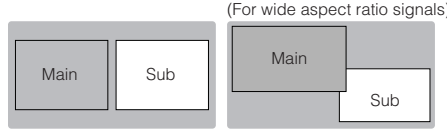

Selecting " 1 " returns to normal viewing mode

- Not available in PC mode.

■Watch in dual-picture mode

E.g. You can watch TV and video at the same time.

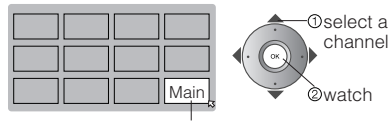
(For wide aspect ratio signals)




- Switch between the sound sources ➡ ♪
- Change the channel
  - ➡ (Main) P
  - ➡ (Sub)

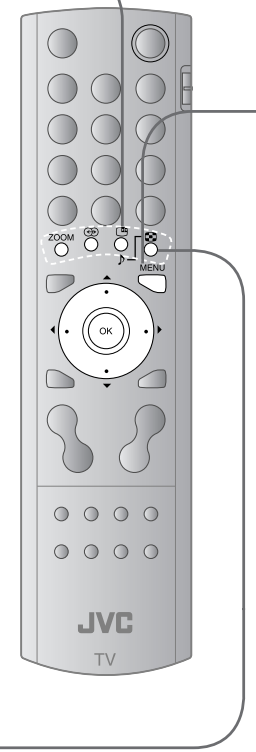
■Select a channel in 12-screen mode

All registered channels are displayed as still images.




Only the selected frame has a moving picture.

- Move up or down a page ➡
- Not available for EXT-5 input.



## Set a time for the TV to turn itself off

SLEEP TIMER

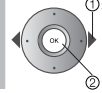
1 MENU



FEATURES

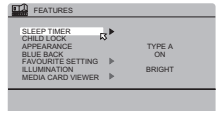
2



①select "FEATURES"
②next

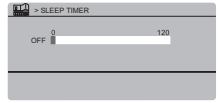
3

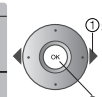





①select "SLEEP TIMER"
②next

4



①select a time in minutes
②set

■Cancel ➡ Set the time to "0" in step 4

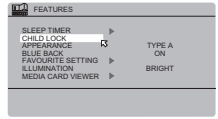
■Remaining time ➡ You can confirm the remaining time at step 4, after repeating this process.

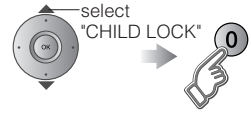
## Stop children from watching specific channels

CHILD LOCK

● After steps 1 and 2 above

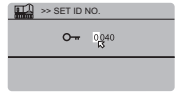
3



select "CHILD LOCK"

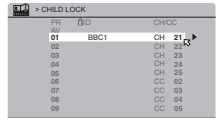
4






①enter an "ID NO." (a secret number of your choice)
②to the next column
③set

5

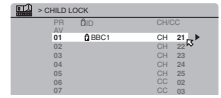





select a channel to lock

6






■Lock more channels
➡ Repeat steps 5 and 6

7



■Release a channel ➡ Press again in step 6

■View a locked channel ➡ Use the numerical buttons to enter the channel number. When appears, press and enter your "ID NO.". (If you forget your "ID NO.", check it in step 4.)

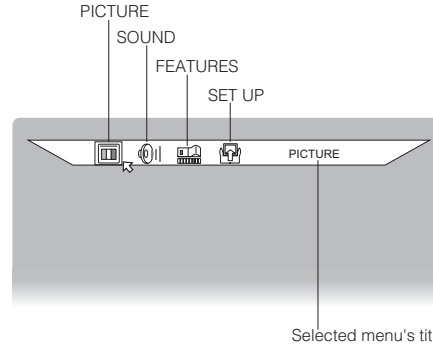
# Customising your TV



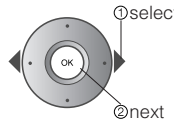

## 1 Display the menu bar

MENU



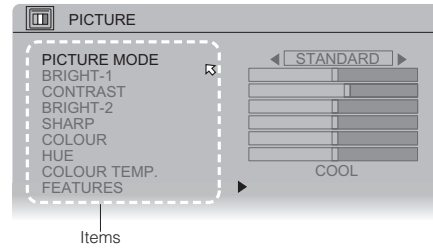



## 2 Select a menu




## 3 Select an item




■To the previous screen

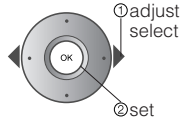


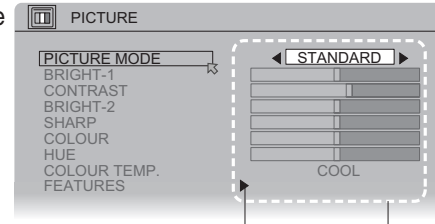

■Exit



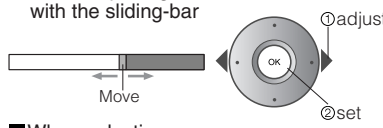

●The menu disappears after one minute of inactivity.

## 4 Adjust / Configure

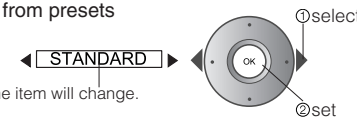



■When adjusting with the sliding-bar




■When selecting from presets




● Some items have a sub-menu.

| Menu | Item | Adjustments / Configurations |
|---|---|---|
| PICTURE | PICTURE MODE | Picture mode (BRIGHT / STANDARD / SOFT) |
| | BRIGHT-1 | Backlight brightness (Darker ⇔ Brighter) |
| | CONTRAST | Contrast (Lower ⇔ Higher) |
| | BRIGHT-2 | Brightness (Darker ⇔ Brighter) |
| | SHARP | Sharpness (Softer ⇔ Sharper) |
| | COLOUR | Colour (Lighter ⇔ Deeper) |
| | HUE | Tint (Reddish ⇔ Greenish) |
| | COLOUR TEMP. | Colour temperature (WARM / NORMAL / COOL) |
| | FEATURES | Finer picture adjustments (P. 31) |
| SOUND | STEREO / I · II | Mode / Language (OO : STEREO / O : MONO / I : SUB1 / II : SUB2) |
| | BASS | Low tones (Weaker ⇔ Stronger) |
| | TREBLE | High tones (Weaker ⇔ Stronger) |
| | BALANCE | Speaker balance (Left Stronger ⇔ Right Stronger) |
| | 3D SOUND | Ambience level (HIGH / LOW / MONO / OFF) |
| | A.H.B. | Emphasize the bass sound (ON / OFF) |
| | BBE *1 | Sound enhancement technology (ON / OFF) |
| FEATURES | SLEEP TIMER | Timer for turning off the TV (P. 28) |
| | CHILD LOCK | Stops children from watching specific channels (P. 28) |
| | APPEARANCE | Format for displaying the channel number (TYPE A / TYPE B / TYPE C / TYPE D) |
| | BLUE BACK | Displays a blue screen and mute the sound when the signal is weak or absent (ON / OFF) |
| | FAVOURITE SETTING | Clear favourite channel settings (P. 17) |
| | ILLUMINATION | Lights illumination lamp (P.5) while the TV is on (BRIGHT / SOFT / OFF) |
| | MEDIA CARD VIEWER | Display photos or videos recorded on the media card (P. 25)<br>· If a card is not inserted, message "NO MEDIA DETECTED" will appear on the display. |
| SET UP | AUTO PROGRAM | Select a country, it automatically registers channels (P. 10, ❸) |
| | EDIT / MANUAL | Change registered channels or add new ones (P. 11) |
| | LANGUAGE | Select a language for on-screen menus (P. 10, ❷) |
| | DECODER(EXT-2) | For when connected to VCR with T-V LINK (ON / OFF) |
| | COMPONENT AUTO SELECT | Changes the TV input to EXT-4 when a component signal is input to EXT-4 (ON / OFF) (Not available when viewing PC) |
| | EXT SETTING | For use with video players and other devices (P. 22) |
| | HDMI SETTING | SIZE (AUTO / 1 / 2)<br>AUDIO (AUTO / ANALOGUE / DIGITAL) |

● Other settings · Change the aspect ratio ➡ "ZOOM" (P. 17)
· Turn on 3D SOUND ➡ "3D SOUND" (P. 17)

*1 BBE license ➡ (P. 36)

# Advanced picture adjustment

By default, the TV automatically adjusts itself for the best picture.

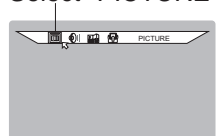


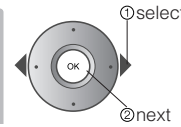

## 1 Display the menu bar

MENU

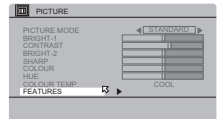


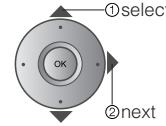
## 2 Select "PICTURE"



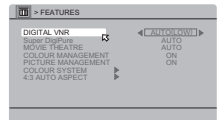



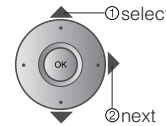

## 3 Select "FEATURES"



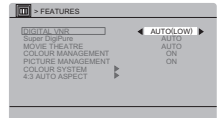

## 4 Select an item

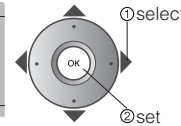



E.g. DIGITAL VNR

## 5 Change settings




E.g. DIGITAL VNR

## 6 Finish




■To the previous screen

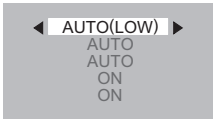
➡ BACK

■Exit

➡ MENU

● The menu disappears after one minute of inactivity.

## To reduce noise

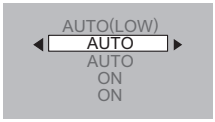



level

MIN | AUTO(LOW) | AUTO(HIGH) | MAX

: When the picture loses sharpness ⟷ : When noise appears

## For natural-looking outlines



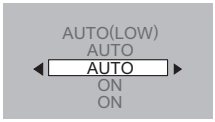

level

OFF | MIN | AUTO | MAX

: Function is turned off

: When noise appears ⟷ : When the picture loses sharpness

## For smooth cinema film



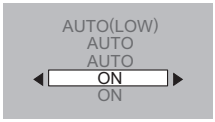

OFF | ON | AUTO

: Function is turned off

: Function is always on

: Automatically adjusts

## For natural-looking pictures

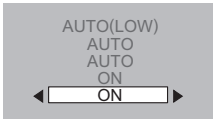



OFF | ON

: Function is turned off

: Maintain a natural colour balance

## Fix bright / dark pictures

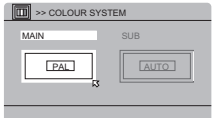



OFF | ON

: Function is turned off

: Make it easier to view bright / dark pictures

## When there is no colour




①Select the screen to change settings on

MAIN | SUB

: Main picture

: Sub-picture in MULTI-PICTURE mode (P. 27)

②Select the colour system

PAL | SECAM | NTSC 3.58 | NTSC 4.43 | AUTO

: Western Europe

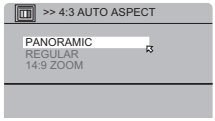
: Eastern Europe / France

: USA 3.58 MHz

: USA 4.43 MHz

: When watching videos, etc.

## Set a default aspect ratio

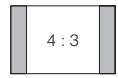



Select a default aspect ratio for AUTO in “ZOOM” (P.17)

PANORAMIC




REGULAR




14:9 ZOOM



# Troubleshooting

## Severe noise or snow



- Is the TV connected correctly to the aerial?
- Change the direction of the aerial.
- Is the aerial or its cable damaged?
  ➡ Consult your retailer

## Patterns, stripes or noise



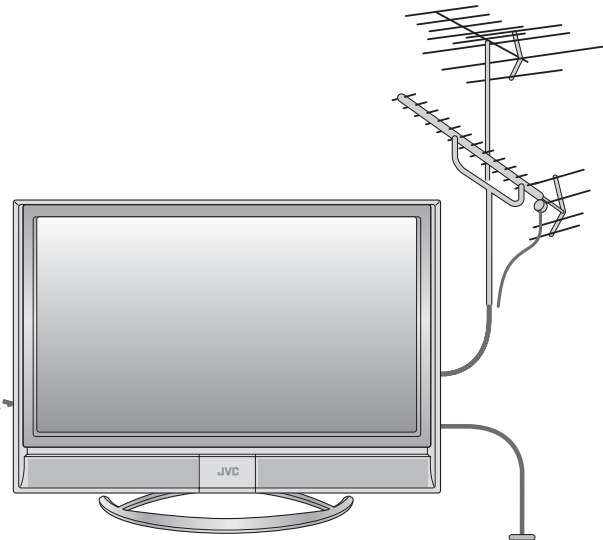
- Is the aerial receiving interference from high-voltage power lines or wireless transmitters?
  ➡ Consult your retailer
- Are connected devices too close to the TV?
  ➡ Insert the minimum distance between the aerial and the cause of interference until no interference

## Ghosting

(Doubling of images)

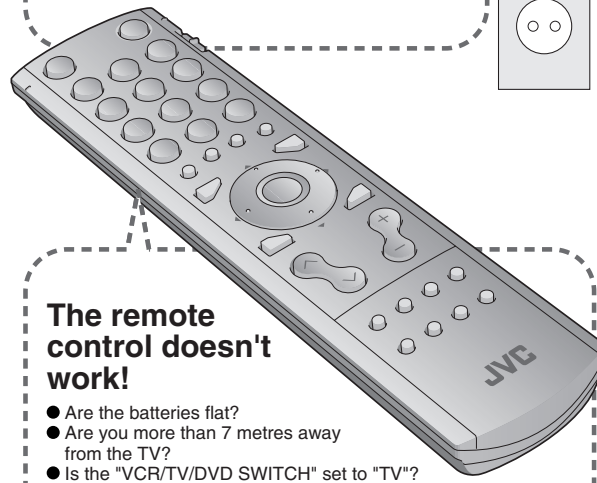


- Are you receiving interference from signals reflected off mountains or buildings?
  ➡ Adjust the direction of your aerial, or change to a good-quality directional aerial




## I can't turn it on!

- Is the power cord connected to the AC outlet correctly?




## The remote control doesn't work!

- Are the batteries flat?
- Are you more than 7 metres away from the TV?
- Is the "VCR/TV/DVD SWITCH" set to "TV"?
- When viewing teletext, the TV menu bar does not appear.
- Depending on the stability of the signal, there may be a time lag when changing channels.

| | Problem | Actions | page |
|---|---|---|---|
| Basics | Remote control stops working | ● When a media card is inserted into the TV, remove the card first. Then, unplug TV, several minutes later plug it in again. | – |
| Screen | Aspect ratio changes unintentionally | ● Press ZOOM to return to your settings. | 17 |
| | Black or white dots appear on the screen | ● LCD panels use fine dots ("pixels") to display images. While more than 99.99% of these pixels function properly, a very small number of pixels may not light, or may light all the time. Please understand that this is not a malfunction. | – |
| Picture | Poor picture quality | ● Unnatural colour >>> Adjust COLOUR and BRIGHT-1. | 30 |
| | | Check your COLOUR SYSTEM. | 32 |
| | | ● Noise >>> Set to the following functions. | |
| | | PICTURE MODE : STANDARD | 30 |
| | | DIGITAL VNR : AUTO (HIGH) | 31 |
| | | Super DigiPure : MIN | 31 |
| | | ● Dull picture >>> Set to the following functions. | |
| | | PICTURE MODE : BRIGHT | 30 |
| | | DIGITAL VNR : MIN | 31 |
| | | Super DigiPure : MAX | 31 |
| | Strange picture when using an external device | ● If you connected S-Video output device, check the "S-IN" setting. | 22 |
| | | ● If the top of the image is distorted, check the video signal quality itself. | – |
| | | ● If movement appears unnatural when receiving a signal from a DVD player, etc. with 625p (progressive-scanning), change the output setting of the external device to 625i (interlace-scanning). | – |

# Troubleshooting (continued)

| | Problem | Actions | page |
|---|---|---|---|
| Sound | Poor sound | ● Adjust the BASS and TREBLE.<br>● If receiving a poor signal in "STEREO / Ⅰ · Ⅱ", switch to MONO.<br>● Adjust the channel reception using "MANUAL". | 30<br>30<br>11 |
| HDMI | Wrong screen size | ● Switch SIZE in HDMI SETTING to "1" or "2". | 30 |
| | No sound | ● Switch AUDIO in HDMI SETTING to ANALOGUE or DIGITAL. | 30 |
| | Green and distorted screen | ● Wait a little for the signal to stabilize when switching the signal format for an HDMI device. | – |
| Functions | Some functions do not work | ● It is not a malfunction. Some functions (dark background) in the menu do not work depending on the situation. | – |
| | Some inputs cannot be selected in the sub-picture | ● EXT-4, EXT-5 inputs and PC mode cannot be selected in the sub-picture. | – |
| Display | "FEATURE NOT AVAILABLE" appears | ● Is the T-V LINK compatible device connected to EXT-2?<br>● Is the SCART CABLE "Fully Wired"?<br>● Is the T-V LINK compatible device turned on? After confirming all the conditions above, press “OK” button again. | 36<br>36<br>– |
| | "ACI ERROR" appears | ● Press ◀ to start ACI again. If you still receive the "ACI ERROR" after numerous tries, press ▶ to cancel ACI. | – |

# Technical information

## What is T-V LINK?

T-V LINK allows the TV to share information easily with a connected T-V LINK compatible device.
By using T-V LINK :

- You can send the channel information programmed on the TV to the T-V LINK compatible device, so that both the TV and the external device have the same channel settings. When connecting a new external device, channel information is loaded into it, allowing channel setup to be completed very quickly. For more details, refer to the external device's manual.
- You can easily record the TV programme you are viewing on a T-V LINK compatible device by using the "DIRECT REC" feature. For more details, refer to the external device's manual.

## What is ACI (Automatic Channel Installation)?

Some cable companies transmit a signal called ACI which contains information that allows TV channels to be registered automatically on your TV.
When an ACI signal is received, "ACI START / ACI SKIP" appears in the "AUTO PROGRAM" screen.

## Receivable broadcast systems

Depending on the country selected during "AUTO PROGRAM", the receivable broadcast system differs.

- UNITED KINGDOM: Receive only PAL-I.
- FRANCE: Can receive SECAM-L.

To receive SECAM-L in countries other than France:
1) Change the "COUNTRY" to "FRANCE" in "AUTO PROGRAM".
2) Press the "BACK" button to return to the menu and enter the channel using "INSERT" or "MANUAL".

## PC Signals that can be displayed

*Macintosh* computers are not supported.
(Macintosh is a registered trademark of Apple Computer, Inc.)

- If the signal doesn't appear, check that the vertical frequency on the PC is set to 60Hz.

| Resolution | 640 x 480 (VGA) | 1024 x 768 (XGA) |
|---|---|---|
| Vertical frequency (Hz) | 60.0 | 60.0 |
| Horizontal frequency (kHz) | 31.5 | 42.0 |

## Connect DVI devices

Connect a DVI device to EXT-5 (HDMI) using DVI-HDMI conversion cable. Connect analogue sound output of the DVI device to L and R terminals in EXT-4.

- Set AUDIO in HDMI SETTING to Analogue or AUTO ➡ (P. 30)

## Licence

Manufactured under license from BBE Sound, Inc. Licensed by BBE Sound, Inc. under USP4638258, 5510752 and 5736897. BBE and BBE symbol are registered trademarks of BBE Sound, Inc.

# CH/CC List

To use the INSERT function (P. 11), find the CH/CC number corresponding to the TV's Channel number from this table.

● When the COUNTRY setting is “FRANCE”, select a three-digit CH/CC number.

| CH | Channel |
|---|---|
| CH 02/CH 202 | E2, R1 |
| CH 03/CH 203 | E3, ITALY A |
| CH 04/CH 204 | E4, ITALY B, R2 |
| CH 05/CH 205 | E5, ITALY D, R6 |
| CH 06/CH 206 | E6, ITALY E, R7 |
| CH 07/CH 207 | E7, ITALY F, R8 |
| CH 08/CH 208 | E8, R9 |
| CH 09/CH 209 | E9, ITALY G |
| CH 10/CH 210 | E10, ITALY H, R10 |
| CH 11/CH 211 | E11, ITALY H+1, R11 |
| CH 12/CH 212 | E12, ITALY H+2, R12 |
| CH 21/CH 221 | E21, R21 |
| CH 22/CH 222 | E22, R22 |
| CH 23/CH 223 | E23, R23 |
| CH 24/CH 224 | E24, R24 |
| CH 25/CH 225 | E25, R25 |
| CH 26/CH 226 | E26, R26 |
| CH 27/CH 227 | E27, R27 |
| CH 28/CH 228 | E28, R28 |
| CH 29/CH 229 | E29, R29 |
| CH 30/CH 230 | E30, R30 |
| CH 31/CH 231 | E31, R31 |
| CH 32/CH 232 | E32, R32 |
| CH 33/CH 233 | E33, R33 |
| CH 34/CH 234 | E34, R34 |
| CH 35/CH 235 | E35, R35 |
| CH 36/CH 236 | E36, R36 |
| CH 37/CH 237 | E37, R37 |
| CH 38/CH 238 | E38, R38 |
| CH 39/CH 239 | E39, R39 |

| CH | Channel |
|---|---|
| CH 40/CH 240 | E40, R40 |
| CH 41/CH 241 | E41, R41 |
| CH 42/CH 242 | E42, R42 |
| CH 43/CH 243 | E43, R43 |
| CH 44/CH 244 | E44, R44 |
| CH 45/CH 245 | E45, R45 |
| CH 46/CH 246 | E46, R46 |
| CH 47/CH 247 | E47, R47 |
| CH 48/CH 248 | E48, R48 |
| CH 49/CH 249 | E49, R49 |
| CH 50/CH 250 | E50, R50 |
| CH 51/CH 251 | E51, R51 |
| CH 52/CH 252 | E52, R52 |
| CH 53/CH 253 | E53, R53 |
| CH 54/CH 254 | E54, R54 |
| CH 55/CH 255 | E55, R55 |
| CH 56/CH 256 | E56, R56 |
| CH 57/CH 257 | E57, R57 |
| CH 58/CH 258 | E58, R58 |
| CH 59/CH 259 | E59, R59 |
| CH 60/CH 260 | E60, R60 |
| CH 61/CH 261 | E61, R61 |
| CH 62/CH 262 | E62, R62 |
| CH 63/CH 263 | E63, R63 |
| CH 64/CH 264 | E64, R64 |
| CH 65/CH 265 | E65, R65 |
| CH 66/CH 266 | E66, R66 |
| CH 67/CH 267 | E67, R67 |
| CH 68/CH 268 | E68, R68 |
| CH 69/CH 269 | E69, R69 |

| CC | Channel |
|---|---|
| CC 01/CC 201 | S1 |
| CC 02/CC 202 | S2 |
| CC 03/CC 203 | S3 |
| CC 04/CC 204 | S4 |
| CC 05/CC 205 | S5 |
| CC 06/CC 206 | S6 |
| CC 07/CC 207 | S7 |
| CC 08/CC 208 | S8 |
| CC 09/CC 209 | S9 |
| CC 10/CC 210 | S10 |
| CC 11/CC 211 | S11 |
| CC 12/CC 212 | S12 |
| CC 13/CC 213 | S13 |
| CC 14/CC 214 | S14 |
| CC 15/CC 215 | S15 |
| CC 16/CC 216 | S16 |
| CC 17/CC 217 | S17 |
| CC 18/CC 218 | S18 |
| CC 19/CC 219 | S19 |
| CC 20/CC 220 | S20 |
| CC 21/CC 221 | S21 |
| CC 22/CC 222 | S22 |
| CC 23/CC 223 | S23 |
| CC 24/CC 224 | S24 |
| CC 25/CC 225 | S25 |
| CC 26/CC 226 | S26 |
| CC 27/CC 227 | S27 |
| CC 28/CC 228 | S28 |
| CC 29/CC 229 | S29 |
| CC 30/CC 230 | S30 |

| CC | Channel |
|---|---|
| CC 31/CC 231 | S31 |
| CC 32/CC 232 | S32 |
| CC 33/CC 233 | S33 |
| CC 34/CC 234 | S34 |
| CC 35/CC 235 | S35 |
| CC 36/CC 236 | S36 |
| CC 37/CC 237 | S37 |
| CC 38/CC 238 | S36 |
| CC 39/CC 239 | S39 |
| CC 40/CC 240 | S40 |
| CC 41/CC 241 | S41 |
| CC 75/CC 275 | X |
| CC 76/CC 276 | Y, R3 |
| CC 77/CC 277 | Z, ITALY C, R4 |
| CC 78/CC 278 | Z+1, R5 |
| CC 79/CC 279 | Z+2 |

| CH | Channel |
|---|---|
| CH 102 | F2 |
| CH 103 | F3 |
| CH 104 | F4 |
| CH 105 | F5 |
| CH 106 | F6 |
| CH 107 | F7 |
| CH 108 | F8 |
| CH 109 | F9 |
| CH 110 | F10 |
| CH 121 | F21 |
| CH 122 | F22 |
| CH 123 | F23 |
| CH 124 | F24 |
| CH 125 | F25 |
| CH 126 | F26 |
| CH 127 | F27 |
| CH 128 | F28 |
| CH 129 | F29 |
| CH 130 | F30 |
| CH 131 | F31 |
| CH 132 | F32 |
| CH 133 | F33 |
| CH 134 | F34 |
| CH 135 | F35 |
| CH 136 | F36 |
| CH 137 | F37 |
| CH 138 | F38 |
| CH 139 | F39 |
| CH 140 | F40 |

| CH | Channel |
|---|---|
| CH 141 | F41 |
| CH 142 | F42 |
| CH 143 | F43 |
| CH 144 | F44 |
| CH 145 | F45 |
| CH 146 | F46 |
| CH 147 | F47 |
| CH 148 | F48 |
| CH 149 | F49 |
| CH 150 | F50 |
| CH 151 | F51 |
| CH 152 | F52 |
| CH 153 | F53 |
| CH 154 | F54 |
| CH 155 | F55 |
| CH 156 | F56 |
| CH 157 | F57 |
| CH 158 | F58 |
| CH 159 | F59 |
| CH 160 | F60 |
| CH 161 | F61 |
| CH 162 | F62 |
| CH 163 | F63 |
| CH 164 | F64 |
| CH 165 | F65 |
| CH 166 | F66 |
| CH 167 | F67 |
| CH 168 | F68 |
| CH 169 | F69 |

| CC | Frequency (MHz) |
|---|---|
| CC 110 | 116-124 |
| CC 111 | 124-132 |
| CC 112 | 132-140 |
| CC 113 | 140-148 |
| CC 114 | 148-156 |
| CC 115 | 156-164 |
| CC 116 | 164-172 |
| CC 123 | 220-228 |
| CC 124 | 228-236 |
| CC 125 | 236-244 |
| CC 126 | 244-252 |
| CC 127 | 252-260 |
| CC 128 | 260-268 |
| CC 129 | 268-276 |
| CC 130 | 276-284 |
| CC 131 | 284-292 |
| CC 132 | 292-300 |
| CC 133 | 300-306 |
| CC 141 | 306-311 |
| CC 142 | 311-319 |
| CC 143 | 319-327 |
| CC 144 | 327-335 |
| CC 145 | 335-343 |
| CC 146 | 343-351 |
| CC 147 | 351-359 |
| CC 148 | 359-367 |
| CC 149 | 367-375 |
| CC 150 | 375-383 |
| CC 151 | 383-391 |

| CC | Frequency (MHz) |
|---|---|
| CC 152 | 391-399 |
| CC 153 | 399-407 |
| CC 154 | 407-415 |
| CC 155 | 415-423 |
| CC 156 | 423-431 |
| CC 157 | 431-439 |
| CC 158 | 439-447 |
| CC 159 | 447-455 |
| CC 160 | 455-463 |
| CC 161 | 463-469 |

# Specifications

## Main unit

| Model | LT-37M60BU/LT-37M60ZU |
|---|---|
| Broadcasting systems | CCIR I / B / G / D / K / L (See "Technical information", P. 36) |
| Colour systems | TV broadcast : PAL, SECAM<br>External input : PAL, SECAM, NTSC 3.58/4.43 MHz |
| Channels and frequencies | E2-E12 / E21-E69, F2-F10 / F21-F69, IR A-IR J, ITALY A-H / H+1 / H+2,<br>R1-R12 / R21-R69, S1-S41, X / Y / Z / Z+1 / Z+2,<br>French cable channels (Frequency : 116-172 MHz / 220-469 MHz) |
| Sound-multiplex systems | NICAM (I / B / G / D / K / L), A2 (B / G / D / K) |
| Teletext systems | FLOF (Fastext), TOP, WST (standard system) |
| Power requirements | AC 110 V - 240 V, 50/60 Hz |
| Audio output (Rated power output) | 10 W + 10 W |
| Speakers | 6.6 cm round x 2 |
| Power consumption<br>[standby] | 173 W<br>[2.6 W] |
| Screen size<br>(visible area size measured diagonally) | 94 cm |
| Dimensions (W x H x D: mm)<br>[without stand] | 926 x 689.5 x 297<br>[926 x 631.5 x 108.5] |
| Weights<br>[without stand] | 26.2 kg<br>[20.7 kg] |
| Accessories | (See "Check accessories", P. 5) |

## Terminals / Connectors / Slots

| Terminal name | | Terminal type | Signal type (IN) | Signal type (OUT) | Notes |
|---|---|---|---|---|---|
| Input / Output terminals | EXT-1 | Euroconnector x1 (SCART connector) | Composite video, S-video, Analog RGB<br>AUDIO L / R | TV out | |
| | EXT-2 | Euroconnector x1 (SCART connector) | Composite video, S-video, Analog RGB<br>AUDIO L / R | Dubbing out | T-V LINK compatible |
| Input terminals | EXT-3 | RCA connectors x 3, S-VIDEO connector x 1 | Composite video, S-video<br>AUDIO L / R | | |
| | EXT-4 | RCA connectors x 5 | Analogue component<br>(576i (625i) / 480i (525i),<br>Progressive : 576p (625p) / 480p (525p),<br>HD : 1080i (1125i), 720p (750p))<br>AUDIO L / R | | |
| | EXT-5 | HDMI connector x 1 | HDMI<br>(576i (625i) / 480i (525i) /<br>576p (625p) / 480p (525p),<br>1080i (1125i), 720p (750p)) | | |
| | PC INPUT | D-SUB (15 pins) x 1 | Analogue PC signal (P. 36) | | |
| Output terminals | AUDIO OUT | RCA connectors x 2 | | Audio L / R | |
| | Headphone | Stereo mini-jack x 1 (3.5 mm in diameter) | | Headphone output | |
| Media Card Slots | Slot (Small) | (See “Using a Media card”, P. 23-26) | | | |
| | Slot (Large) | | | | |

● We may change the design and specifications without notice.

JVC

©2005 Victor Company of Japan, Limited

0905KTH-CR-MU

# PARTS LIST

## CAUTION

- The parts identified by the ⚠ symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P.W. BOARD Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

| RESISTORS | |
|---|---|
| CR | Carbon Resistor |
| FR | Fusible Resistor |
| PR | Plate Resistor |
| VR | Variable Resistor |
| HV R | High Voltage Resistor |
| MF R | Metal Film Resistor |
| MG R | Metal Glazed Resistor |
| MP R | Metal Plate Resistor |
| OM R | Metal Oxide Film Resistor |
| CMF R | Coating Metal Film Resistor |
| UNF R | Non-Flammable Resistor |
| CH V R | Chip Variable Resistor |
| CH MG R | Chip Metal Glazed Resistor |
| COMP. R | Composition Resistor |
| LPTC R | Linear Positive Temperature Coefficient Resistor |

| CAPACITORS | |
|---|---|
| C CAP. | Ceramic Capacitor |
| E CAP. | Electrolytic Capacitor |
| M CAP. | Mylar Capacitor |
| CH CAP. | Chip Capacitor |
| HV CAP. | High Voltage Capacitor |
| MF CAP. | Metalized Film Capacitor |
| MM CAP. | Metalized Mylar Capacitor |
| MP CAP. | Metalized Polystyrol Capacitor |
| PP CAP. | Polypropylene Capacitor |
| PS CAP. | Polystyrol Capacitor |
| TF CAP. | Thin Film Capacitor |
| MPP CAP. | Metalized Polypropylene Capacitor |
| TAN. CAP. | Tantalum Capacitor |
| CH C CAP. | Chip Ceramic Capacitor |
| BP E CAP. | Bi-Polar Electrolytic Capacitor |
| CH AL E CAP. | Chip Aluminum Electrolytic Capacitor |
| CH AL BP CAP. | Chip Aluminum Bi-Polar Capacitor |
| CH TAN. E CAP. | Chip Tantalum Electrolytic Capacitor |
| CH AL BP E CAP. | Chip Tantalum Bi-Polar Electrolytic Capacitor |

| RESISTORS | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| F | G | J | K | M | N | R | H | Z | P |
| ±1% | ±2% | ±5% | ±10% | ±20% | ±30% | +30%<br>-10% | +50%<br>-10% | +80%<br>-20% | +100%<br>-0% |

# CONTENTS

**USING P.W. BOARD & REMOTE CONTROL UNIT ..... 3-3**
**EXPLODED VIEW PARTS LIST -1 ..... 3-4**
**EXPLODED VIEW -1 ..... 3-5**
**EXPLODED VIEW PARTS LIST -2 ..... 3-6**
**EXPLODED VIEW -2 ..... 3-7**

**PRINTED WIRING BOARD PARTS LIST [LT-37M60BU, LT-37M60ZU] ..... 3-8**
ANALOG SIGNAL P.W. BOARD ASS'Y (SFL-1116A-U2) ..... 3-8
CONNECTOR P.W. BOARD ASS'Y (SFL-4114A-U2) ..... 3-12
FRONT CONTROL P.W. BOARD ASS'Y (SFL-7111A-U2) ..... 3-13
FRONT LED P.W. BOARD ASS'Y (SFL-8133A-U2) ..... 3-13
CARD P.W. BOARD ASS'Y (SFL-8512A-U2) ..... 3-13
POWER P.W. BOARD ASS'Y (SFL-9039A-U2) ..... 3-15
REGULATOR P.W. BOARD ASS'Y (SFL-9138A-U2) ..... 3-17
DIGITAL SIGNAL P.W. BOARD ASS'Y (SFL0D234A-U2) ..... 3-17
RECEIVER P.W. BOARD ASS'Y (SFL0F204A-U2) ..... 3-23
PANEL I/F P.W. BOARD ASS'Y (SFL0H001A-U2) ..... 3-24

**PRINTED WIRING BOARD PARTS LIST [LT-37M60BU/P, LT-37M60ZU/P] ..... 3-26**
ANALOG SIGNAL P.W. BOARD ASS'Y (SFL-1116A-U2) ..... 3-26
CONNECTOR P.W. BOARD ASS'Y (SFL-4114A-U2) ..... 3-26
FRONT CONTROL P.W. BOARD ASS'Y (SFL-7111A-U2) ..... 3-26
FRONT LED P.W. BOARD ASS'Y (SFL-8133A-U2) ..... 3-26
CARD P.W. BOARD ASS'Y (SFL-8512A-U2) ..... 3-26
POWER P.W. BOARD ASS'Y (SFL-9039A-U2) ..... 3-26
REGULATOR P.W. BOARD ASS'Y (SFL-9138A-U2) ..... 3-26
DIGITAL SIGNAL P.W. BOARD ASS'Y (LCA10557-67A) (SFL-0D234A) ..... 3-26
RECEIVER P.W. BOARD ASS'Y (SFL0F204A-U2) ..... 3-32
PANEL I/F P.W. BOARD ASS'Y (SFL0H001A-U2) ..... 3-32
**REMOTE CONTROL UNIT PARTS LIST (RM-C1811H-2C) ..... 3-32**
**PACKING PARTS LIST ..... 3-32**
**PACKING ..... 3-33**

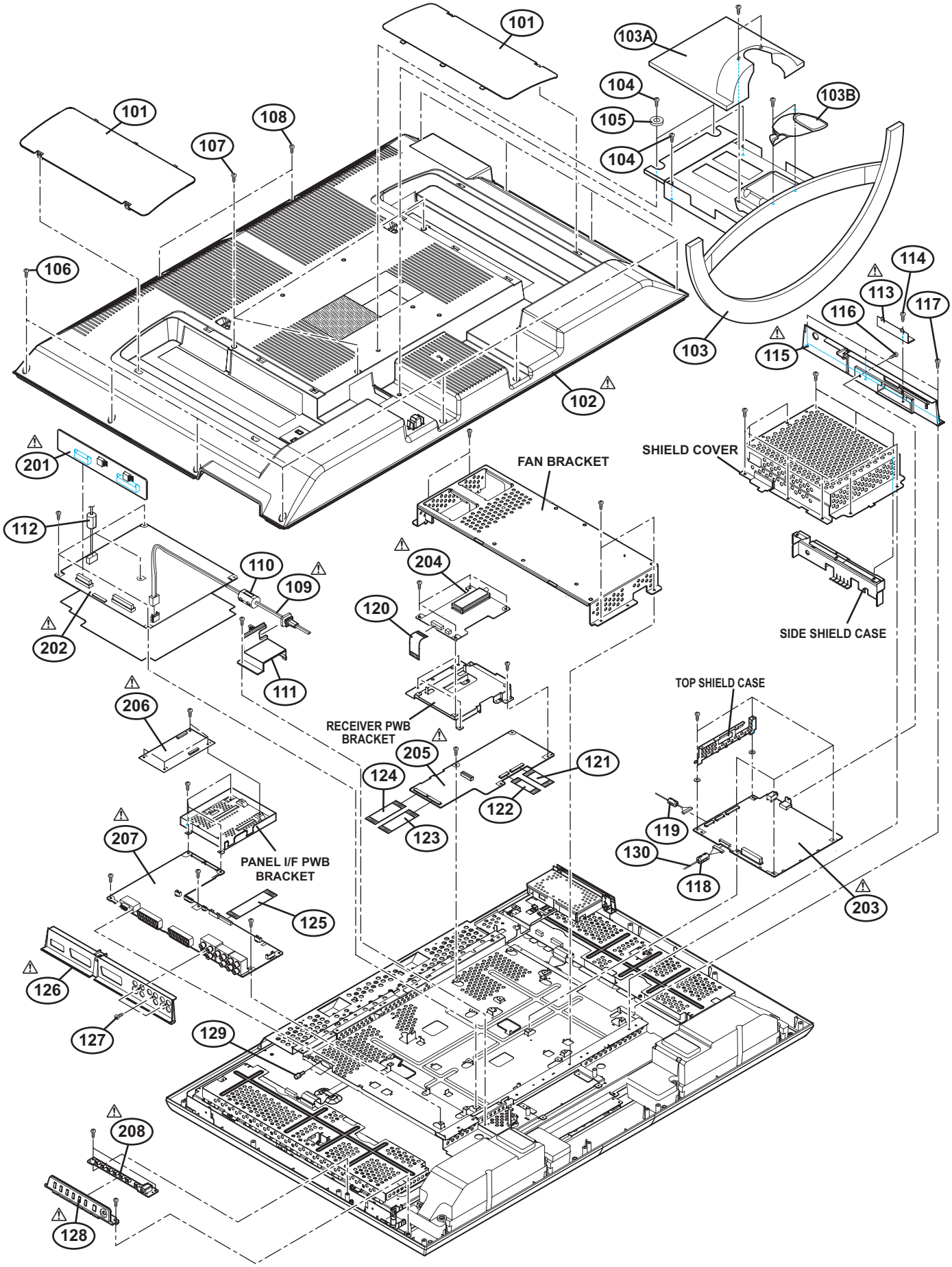
# USING P.W. BOARD & REMOTE CONTROL UNIT

| P.W.B ASS'Y name | P.W.B ASS'Y No. | | | |
|---|---|---|---|---|
| | LT-37M60BU | LT-37M60BU/P | LT-37M60ZU | LT-37M60ZU/P |
| ANALOG SIGNAL P.W.B | SFL-1116A-U2 | ← | ← | ← |
| CONNECTOR P.W.B | SFL-4114A-U2 | ← | ← | ← |
| FRONT CONTROL P.W.B | SFL-7111A-U2 | ← | ← | ← |
| FRONT LED P.W.B | SFL-8133A-U2 | ← | ← | ← |
| CARD P.W.B | SFL-8512A-U2 | ← | ← | ← |
| POWER P.W.B | SFL-9039A-U2 | ← | ← | ← |
| REGULATOR P.W.B | SFL-9138A-U2 | ← | ← | ← |
| DIGITAL SIGNAL P.W.B | SFL0D234A-U2 | LCA10557-67A (SFL-0D234A) | SFL0D234A-U2 | LCA10557-67A (SFL-0D234A) |
| RECEIVER P.W.B | SFL0F204A-U2 | ← | ← | ← |
| PANEL I/F P.W.B | SFL0H001A-U2 | ← | ← | ← |
| REMOTE CONTROL UNIT | RM-C1811H-2C | ← | ← | ← |

# EXPLODED VIEW PARTS LIST -1

| ⚠ | Ref.No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|---|
| | 101 | LC21923-001A-U | JACK COVER | (x2) | |
| ⚠ | 102 | LC12450-002A-U | REAR COVER | | |
| | 103 | GA10134-001A-U | STAND ASSY | Inc.103A/103B | LT-37M60BU,LT-37M60BU/P |
| | 103 | GA10134-002A-U | STAND ASSY | Inc.103A/103B | LT-37M60ZU,LT-37M60ZU/P |
| | 103A | GA30094-001A-U | STAND COVER | | |
| | 103B | GA30081-002A-U | CABLE COVER | | |
| | 104 | QYSPSPD5014MA | SCREW | M5 x 14mm(x4) | |
| | 105 | GA40088-001A-U | PANEL HOOK | (x2) | |
| | 106 | QYSBSFG4016MA | TAP SCREW | M4 x 16mm(x10) | |
| | 107 | QYSBSF3010MA | TAP SCREW | M3 x 10mm(x3) | |
| | 108 | QYSPSPD3008MA | SCREW | M3 x 8mm(x2) | |
| ⚠ | 109 | QMPK300-170-JC | POWER CORD(EU) | 1.7m BLACK | |
| | 110 | QQR0942-001 | CORE FILTER | | |
| | 111 | LC33103-002A-0K | POWER CORD HOLDER | | |
| | 112 | QQR0917-001 | CORE FILTER | | |
| ⚠ | 113 | LC32760-002A-HK | SERVICE COVER | | |
| | 114 | QYSBSF3010MA | TAP SCREW | M3 x 10mm | |
| ⚠ | 115 | LC21734-004B-U | TUNER BASE | | |
| | 116 | QYSPSP3008MA | SCREW | M3 x 8mm | |
| | 117 | QYSPSPD3008MA | SCREW | M3 x 8mm(x3) | |
| | 118 | QQR0490-001 | NOISE FILTER | | |
| | 119 | QQR0491-001 | FERRITE CORE | | |
| | 120 | QUQ105-4006AL-E | FFC WIRE | 40pin 6cm | |
| | 121 | QUQ105-5004AA-E | FFC WIRE | 50pin 4cm | |
| | 122 | QUQ105-3004AA-E | FFC WIRE | 30pin 4cm | |
| | 123 | QUQ105-5009AE-E | FFC WIRE | 50pin 9cm | |
| | 124 | QUQ105-5009AE-E | FFC WIRE | 50pin 9cm | |
| | 125 | QUQK12-2106CH-E | FFC WIRE | 21pin 6cm | |
| ⚠ | 126 | LC21735-002A-U | TERMINAL BASE | | |
| | 127 | QYSBSF3010MA | TAP SCREW | M3 x 10mm(x3) | |
| ⚠ | 128 | LC33216-001B-U | CONTROL ASSY | | LT-37M60BU,LT-37M60ZU |
| ⚠ | 128 | LC33216-001A-U | CONTROL ASSY | | LT-37M60BU/P,LT-37M60ZU/P |
| | 129 | QNB0036-001 | HEX SCREW | (x2) | |
| | 130 | WJW0035-001A-E | DIGITAL(LVDS) CABLE | | |
| ⚠ | 201 | SFL-9138A-U2 | REGULATOR PWB | | |
| ⚠ | 202 | SFL-9039A-U2 | POWER PWB | | |
| ⚠ | 203 | SFL0D234A-U2 | DIGITAL SIGNAL PWB | | LT-37M60BU,LT-37M60ZU |
| ⚠ | 203 | LCA10557-67A | DIGITAL SIGNAL PWB | | LT-37M60BU/P,LT-37M60ZU/P |
| ⚠ | 204 | SFL0F204A-U2 | RECEIVER PWB | | |
| ⚠ | 205 | SFL-4114A-U2 | CONNECTOR PWB | | |
| ⚠ | 206 | SFL0H001A-U2 | PANEL I/F PWB | | |
| ⚠ | 207 | SFL-1116A-U2 | ANALOG SIGNAL PWB | | |
| ⚠ | 208 | SFL-7111A-U2 | FRONT CONTROL PWB | | |

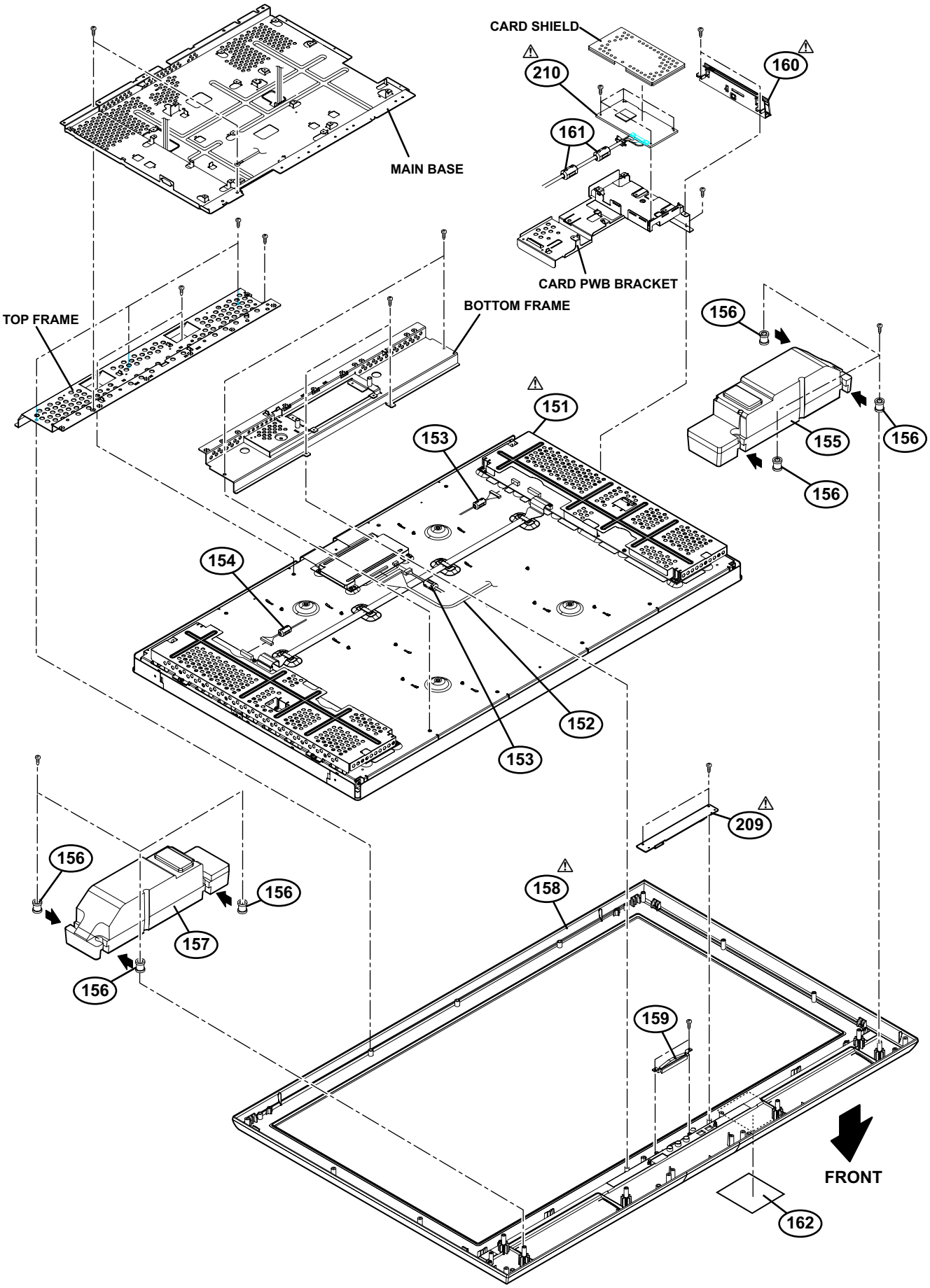
# EXPLODED VIEW -1



# EXPLODED VIEW PARTS LIST -2

| ⚠ | Ref.No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|---|
| ⚠ | 151 | QLD0399-001-JUK | LCD PANEL UNIT | | |
| | 152 | WJW0036-001A-E | DIGITAL(LVDS) CABLE | | |
| | 153 | QQR0490-001 | NOISE FILTER | (x2) | |
| | 154 | QQR0917-001 | CORE FILTER | | |
| | 155 | LC41913-004A-C | SPEAKER ASSY | LEFT | |
| | 156 | LC40226-005A-H | SPACER | (x6) | |
| | 157 | LC41913-003A-C | SPEAKER ASSY | RIGHT | |
| ⚠ | 158 | LC12449-006A-U | FRONT PANEL ASSY | | LT-37M60BU,LT-37M60BU/P |
| ⚠ | 158 | LC12449-004B-U | FRONT PANEL ASSY | | LT-37M60ZU,LT-37M60ZU/P |
| | 159 | LC33125-001B-HK | LED LENS | | |
| ⚠ | 160 | LC33197-005B-0K | CARD BASE ASSY | | |
| | 161 | QQR0491-001 | FERRITE CORE | (x2) | |
| | 162 | GA40077-001A-U | HD READY LOGO | | |
| ⚠ | 209 | SFL-8133A-U2 | FRONT LED PWB | | |
| ⚠ | 210 | SFL-8512A-U2 | CARD PWB | | |

# EXPLODED VIEW -2



# PRINTED WIRING BOARD PARTS LIST [LT-37M60BU, LT-37M60ZU]

## ANALOG SIGNAL P.W. BOARD ASS'Y (SFL-1116A-U2)

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| IC201 | TB1305FG | IC | |
| IC202 | SN74CBT3253PW-X | IC | |
| IC301 | AN15852A | IC | |
| IC501 | CXA2069Q | IC | |
| IC502 | MM1510XN-X | IC | |
| IC503 | MM1508XN-X | IC | |
| IC711 | CXA1875AM-X | IC | |
| IC801 | TB1274BFG | IC | |
| IC802 | TC90A69AF-X | IC | |
| IC902 | TA48M033F-X | IC | |
| IC6001 | NJM2777M-X | IC | |
| IC6201 | PQ20WZ11-X | IC | |
| IC6521 | NJW1164M-W | IC | |
| IC6551 | RC4558D-X | IC | |
| IC6552 | RC4558D-X | IC | |
| IC6621 | LM393DR-X | IC | |
| IC6661 | TDA8925ST/N1 | IC | |
| Q301 | 2SC3837K/NP/-X | TRANSISTOR | |
| Q302 | 2SC3837K/NP/-X | TRANSISTOR | |
| Q303 | 2SC3837K/NP/-X | TRANSISTOR | |
| Q307 | 2SA1530A/QR/-X | TRANSISTOR | |
| Q402 | SSM3K17FU-X | MOS FET | |
| Q403 | SSM3K17FU-X | MOS FET | |
| Q404 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| Q405 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| Q507 | 2SA1530A/QR/-X | TRANSISTOR | |
| Q508 | 2SA1530A/QR/-X | TRANSISTOR | |
| Q510 | 2SA1530A/QR/-X | TRANSISTOR | |
| Q801 | 2SA1530A/QR/-X | TRANSISTOR | |
| Q802 | 2SA1530A/QR/-X | TRANSISTOR | |
| Q804 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q805 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q806 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q807 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q808 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q809 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q810 | 2SA1530A/QR/-X | TRANSISTOR | |
| Q851 | 2SA1530A/QR/-X | TRANSISTOR | |
| Q853 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q854 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q855 | 2SA1530A/QR/-X | TRANSISTOR | |
| Q858 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q859 | 2SA1530A/QR/-X | TRANSISTOR | |
| Q862 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q863 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q901 | BA90BC0FP-X | IC | |
| Q902 | 2SC3074/OY/-X | TRANSISTOR | |
| Q903 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q2051 | UN2226-X | DIGI TRANSISTOR | |
| Q2052 | UN2226-X | DIGI TRANSISTOR | |
| Q2053 | UN2110-X | DIGI TRANSISTOR | |
| Q2151 | UN2226-X | DIGI TRANSISTOR | |
| Q2152 | UN2226-X | DIGI TRANSISTOR | |
| Q2153 | UN2110-X | DIGI TRANSISTOR | |
| Q2171 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q2172 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q2173 | UN2212-X | DIGI TRANSISTOR | |
| Q2451 | UN2226-X | DIGI TRANSISTOR | |
| Q2452 | UN2226-X | DIGI TRANSISTOR | |
| Q2453 | UN2110-X | DIGI TRANSISTOR | |
| Q6301 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q6302 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q6421 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q6431 | 2SA1530A/QR/-X | TRANSISTOR | |
| Q6521 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q6522 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q6523 | 2SA1530A/QR/-X | TRANSISTOR | |
| Q6531 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q6532 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q6533 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q6534 | 2SA1530A/QR/-X | TRANSISTOR | |
| Q6538 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q6539 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q6661 | UN2112-X | DIGI TRANSISTOR | |
| Q6662 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q6663 | UN2212-X | DIGI TRANSISTOR | |
| Q6673 | 2SA1530A/QR/-X | TRANSISTOR | |
| D201 | 1SS355-X | SI DIODE | |
| D541 | UDZS10B-X | Z DIODE | |
| D551 | UDZS10B-X | Z DIODE | |
| D901 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J |
| D902 | 1SS355-X | SI DIODE | |
| D903 | PTZ11B-X | Z DIODE | |
| D904 | PTZ6.8B-X | Z DIODE | |
| D905 | MA8030/H/-X | Z DIODE | |
| D2001 | UDZS10B-X | Z DIODE | |
| D2002 | UDZS10B-X | Z DIODE | |
| D2003 | UDZS10B-X | Z DIODE | |
| D2004 | UDZS10B-X | Z DIODE | |
| D2005 | UDZS10B-X | Z DIODE | |
| D2101 | UDZS10B-X | Z DIODE | |
| D2102 | UDZS10B-X | Z DIODE | |
| D2103 | UDZS10B-X | Z DIODE | |
| D2104 | UDZS10B-X | Z DIODE | |
| D2105 | UDZS10B-X | Z DIODE | |
| D2106 | UDZS10B-X | Z DIODE | |
| D2107 | UDZS10B-X | Z DIODE | |
| D2201 | UDZS10B-X | Z DIODE | |
| D2202 | UDZS10B-X | Z DIODE | |
| D2203 | UDZS10B-X | Z DIODE | |
| D2204 | UDZS10B-X | Z DIODE | |
| D2205 | UDZS10B-X | Z DIODE | |
| D2206 | UDZS10B-X | Z DIODE | |
| D2207 | UDZS10B-X | Z DIODE | |
| D2301 | UDZS10B-X | Z DIODE | |
| D2302 | UDZS10B-X | Z DIODE | |
| D2303 | UDZS10B-X | Z DIODE | |
| D2304 | UDZS10B-X | Z DIODE | |
| D2305 | UDZS10B-X | Z DIODE | |
| D2601 | UDZS10B-X | Z DIODE | |
| D2602 | UDZS10B-X | Z DIODE | |
| D2603 | UDZS10B-X | Z DIODE | |
| D2604 | UDZS10B-X | Z DIODE | |
| D2605 | UDZS10B-X | Z DIODE | |
| D6001 | 1SS355-X | SI DIODE | |
| D6002 | 1SS355-X | SI DIODE | |
| D6201 | 1SS355-X | SI DIODE | |
| D6431 | 1SS355-X | SI DIODE | |
| D6432 | 1SS355-X | SI DIODE | |
| D6433 | 1SS355-X | SI DIODE | |
| D6501 | 1SS355-X | SI DIODE | |
| D6502 | 1SS355-X | SI DIODE | |
| D6503 | 1SS355-X | SI DIODE | |
| D6504 | 1SS355-X | SI DIODE | |
| D6601 | UDZS6.2B-X | Z DIODE | |
| D6663 | UDZS3.3B-X | Z DIODE | |
| D6664 | 1SS355-X | SI DIODE | |
| D6671 | UDZS20B-X | Z DIODE | |
| D6672 | UDZS20B-X | Z DIODE | |
| D6673 | UDZS20B-X | Z DIODE | |
| D6674 | UDZS20B-X | Z DIODE | |
| D6681 | 1SS355-X | SI DIODE | |
| D6682 | 1SS355-X | SI DIODE | |
| D6683 | 1SS355-X | SI DIODE | |
| C201 | NCB31CK-105X | C CAPACITOR | 1uF 16V K |
| C202 | NCB31CK-105X | C CAPACITOR | 1uF 16V K |
| C203 | NCB31CK-105X | C CAPACITOR | 1uF 16V K |
| C204 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C205 | NCB31CK-105X | C CAPACITOR | 1uF 16V K |
| C206 | NCB31CK-105X | C CAPACITOR | 1uF 16V K |
| C207 | NCB31CK-105X | C CAPACITOR | 1uF 16V K |
| C208 | NDC31HJ-120X | C CAPACITOR | 12pF 50V J |
| C210 | NCB11CK-475X | C CAPACITOR | 4.7uF 16V K |
| C211 | NCB11CK-475X | C CAPACITOR | 4.7uF 16V K |
| C212 | NCB31CK-105X | C CAPACITOR | 1uF 16V K |
| C213 | NCB31CK-103X | C CAPACITOR | 0.01uF 16V K |
| C215 | NCB11CK-475X | C CAPACITOR | 4.7uF 16V K |
| C216 | NCB31CK-105X | C CAPACITOR | 1uF 16V K |
| C217 | NCB31CK-105X | C CAPACITOR | 1uF 16V K |
| C218 | NCB31CK-105X | C CAPACITOR | 1uF 16V K |
| C219 | NCB31CK-105X | C CAPACITOR | 1uF 16V K |
| C220 | NCB31CK-105X | C CAPACITOR | 1uF 16V K |
| C221 | NCB31CK-105X | C CAPACITOR | 1uF 16V K |
| C223 | NCB11CK-475X | C CAPACITOR | 4.7uF 16V K |
| C224 | NCB31CK-105X | C CAPACITOR | 1uF 16V K |
| C225 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C301 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C302 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M |
| C303 | NRSA02J-221X | MG RESISTOR | 220Ω 1/10W J |
| C304 | NRSA02J-221X | MG RESISTOR | 220Ω 1/10W J |
| C305 | NRSA02J-221X | MG RESISTOR | 220Ω 1/10W J |
| C306 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J |
| C307 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J |
| C308 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J |
| C309 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C310 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C313 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C314 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| C315 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C316 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C317 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C318 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C319 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M |
| C320 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C321 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M |
| C322 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C323 | NEX61CM-686X | E CAPACITOR | 68uF 16V M |
| C324 | NCB21CK-105X | C CAPACITOR | 1uF 16V K |
| C325 | NCB21CK-105X | C CAPACITOR | 1uF 16V K |
| C326 | NCB21CK-105X | C CAPACITOR | 1uF 16V K |
| C327 | NCB21CK-105X | C CAPACITOR | 1uF 16V K |
| C328 | NCB21CK-105X | C CAPACITOR | 1uF 16V K |
| C329 | NCB21CK-105X | C CAPACITOR | 1uF 16V K |
| C330 | NCB21CK-105X | C CAPACITOR | 1uF 16V K |
| C341 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C342 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C343 | NCB21CK-105X | C CAPACITOR | 1uF 16V K |
| C346 | NCB21CK-105X | C CAPACITOR | 1uF 16V K |
| C349 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C372 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C382 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C392 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C405 | NCB11AK-475X | C CAPACITOR | 4.7uF 10V K |
| C406 | NCB11AK-475X | C CAPACITOR | 4.7uF 10V K |
| C501 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M |
| C502 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M |
| C503 | NENA1EM-106X | BP E CAPACITOR | 10uF 25V M |
| C505 | NENA1EM-106X | BP E CAPACITOR | 10uF 25V M |
| C508 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C509 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C515 | NCB21CK-105X | C CAPACITOR | 1uF 16V K |
| C516 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M |
| C518 | NEHL1AM-107X | E CAPACITOR | 100uF 10V M |
| C519 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M |
| C520 | NCB21CK-105X | C CAPACITOR | 1uF 16V K |
| C521 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M |
| C522 | NEHL1AM-107X | E CAPACITOR | 100uF 10V M |
| C523 | NCB21CK-105X | C CAPACITOR | 1uF 16V K |
| C711 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M |
| C712 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C801 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C802 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C803 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C804 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M |
| C805 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C806 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C807 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M |
| C808 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C809 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z |
| C810 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C811 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C812 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C813 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M |
| C814 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C815 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C816 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C817 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C818 | NEHL1HM-106X | E CAPACITOR | 10uF 50V M |
| C819 | NDC31HJ-100X | C CAPACITOR | 10pF 50V J |
| C820 | NCB31AK-474X | C CAPACITOR | 0.47uF 10V K |
| C821 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C822 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K |
| C823 | NCB31HK-153X | C CAPACITOR | 0.015uF 50V K |
| C824 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C825 | NDC31HJ-180X | C CAPACITOR | 18pF 50V J |
| C826 | NEHL1EM-226X | E CAPACITOR | 22uF 25V M |
| C827 | NEHL0JM-107X | E CAPACITOR | 100uF 6.3V M |
| C829 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C830 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C831 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C832 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C833 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C834 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C835 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C850 | NDC31HJ-180X | C CAPACITOR | 18pF 50V J |
| C851 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J |
| C852 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J |
| C853 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M |
| C854 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C855 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C856 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C857 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C858 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C859 | NCB31AK-474X | C CAPACITOR | 0.47uF 10V K |
| C860 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C861 | NDC31HJ-681X | C CAPACITOR | 680pF 50V J |
| C862 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C863 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| C864 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C865 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J |
| C866 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J |
| C868 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C869 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J |
| C870 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J |
| C872 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C873 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J |
| C874 | NDC31HJ-150X | C CAPACITOR | 15pF 50V J |
| C875 | NDC31HJ-100X | C CAPACITOR | 10pF 50V J |
| C876 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C877 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C878 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C879 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C880 | NEHL1AM-107X | E CAPACITOR | 100uF 10V M |
| C881 | NEHL1AM-107X | E CAPACITOR | 100uF 10V M |
| C882 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C883 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C884 | NEHL1AM-107X | E CAPACITOR | 100uF 10V M |
| C885 | NEHL1AM-107X | E CAPACITOR | 100uF 10V M |
| C886 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M |
| C887 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C888 | NEHL1AM-107X | E CAPACITOR | 100uF 10V M |
| C889 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M |
| C890 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M |
| C891 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M |
| C892 | NDC31HJ-180X | C CAPACITOR | 18pF 50V J |
| C894 | NDC31HJ-180X | C CAPACITOR | 18pF 50V J |
| C895 | NDC31HJ-680X | C CAPACITOR | 68pF 50V J |
| C901 | NEHM1HM-105X | E CAPACITOR | 1uF 50V M |
| C902 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C903 | NCB31CK-154X | C CAPACITOR | 0.15uF 16V K |
| C904 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C905 | NEHL1AM-107X | E CAPACITOR | 100uF 10V M |
| C906 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M |
| C912 | NEHM1EM-336X | E CAPACITOR | 33uF 25V M |
| C913 | NEX51CM-335X | E CAPACITOR | 3.3uF 16V M |
| C914 | NEX50JM-156X | E CAPACITOR | 15uF 6.3V M |
| C915 | NEHM1EM-336X | E CAPACITOR | 33uF 25V M |
| C916 | NEX50JM-156X | E CAPACITOR | 15uF 6.3V M |
| C2001 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C2005 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K |
| C2006 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K |
| C2008 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K |
| C2009 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K |
| C2010 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K |
| C2011 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K |
| C2051 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K |
| C2052 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K |
| C2053 | NCB31CK-105X | C CAPACITOR | 1uF 16V K |
| C2101 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C2105 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K |
| C2106 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K |
| C2107 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K |
| C2108 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K |
| C2109 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K |
| C2110 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K |
| C2151 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K |
| C2152 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K |
| C2153 | NCB31CK-105X | C CAPACITOR | 1uF 16V K |
| C2201 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C2202 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C2203 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C2204 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K |
| C2205 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K |
| C2206 | NCB31CK-105X | C CAPACITOR | 1uF 16V K |
| C2207 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C2208 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C2301 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C2302 | NCB31CK-105X | C CAPACITOR | 1uF 16V K |
| C2303 | NCB31CK-105X | C CAPACITOR | 1uF 16V K |
| C2306 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C2307 | NCB31CK-105X | C CAPACITOR | 1uF 16V K |
| C2308 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C2309 | NCB31CK-105X | C CAPACITOR | 1uF 16V K |
| C2310 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K |
| C2311 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K |
| C2401 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C2402 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C2451 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K |
| C2452 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K |
| C2453 | NCB31CK-105X | C CAPACITOR | 1uF 16V K |
| C2601 | NCB31CK-105X | C CAPACITOR | 1uF 16V K |
| C2602 | NCB31CK-105X | C CAPACITOR | 1uF 16V K |
| C2603 | NCB31CK-105X | C CAPACITOR | 1uF 16V K |
| C6001 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z |
| C6002 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z |
| C6003 | NEHL1AM-107X | E CAPACITOR | 100uF 10V M |
| C6004 | NEHL1AM-107X | E CAPACITOR | 100uF 10V M |
| C6005 | NEHL1HM-105X | E CAPACITOR | 1uF 50V M |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| C6006 | NEHL1HM-105X | E CAPACITOR | 1uF 50V M |
| C6007 | QETN1AM-108Z | E CAPACITOR | 1000uF 10V M |
| C6008 | NEHL1HM-106X | E CAPACITOR | 10uF 50V M |
| C6009 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z |
| C6010 | NDC31HJ-331X | C CAPACITOR | 330pF 50V J |
| C6011 | NDC31HJ-331X | C CAPACITOR | 330pF 50V J |
| C6201 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C6202 | NEHL1EM-336X | E CAPACITOR | 33uF 25V M |
| C6203 | NEHL1EM-336X | E CAPACITOR | 33uF 25V M |
| C6204 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K |
| C6205 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C6301 | NENA1CM-475X | BP E CAPACITOR | 4.7uF 16V M |
| C6302 | NENA1CM-475X | BP E CAPACITOR | 4.7uF 16V M |
| C6421 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C6431 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M |
| C6505 | NEHL1EM-475X | E CAPACITOR | 4.7uF 25V M |
| C6510 | NEHL1EM-475X | E CAPACITOR | 4.7uF 25V M |
| C6517 | NDC31HJ-100X | C CAPACITOR | 10pF 50V J |
| C6518 | NDC31HJ-100X | C CAPACITOR | 10pF 50V J |
| C6521 | NEHL1EM-475X | E CAPACITOR | 4.7uF 25V M |
| C6522 | NCB31HK-332X | C CAPACITOR | 3300pF 50V K |
| C6523 | NCB31HK-333X | C CAPACITOR | 0.033uF 50V K |
| C6525 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K |
| C6526 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C6527 | NEHL1EM-475X | E CAPACITOR | 4.7uF 25V M |
| C6528 | NEHL1EM-475X | E CAPACITOR | 4.7uF 25V M |
| C6529 | NCB31HK-332X | C CAPACITOR | 3300pF 50V K |
| C6530 | NCB31HK-333X | C CAPACITOR | 0.033uF 50V K |
| C6532 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K |
| C6533 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C6534 | NEHL1EM-475X | E CAPACITOR | 4.7uF 25V M |
| C6535 | NEHL1HM-105X | E CAPACITOR | 1uF 50V M |
| C6536 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C6537 | NEHL1EM-475X | E CAPACITOR | 4.7uF 25V M |
| C6538 | NEHL1EM-475X | E CAPACITOR | 4.7uF 25V M |
| C6539 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C6540 | NEHL1EM-475X | E CAPACITOR | 4.7uF 25V M |
| C6541 | NEHL1EM-475X | E CAPACITOR | 4.7uF 25V M |
| C6542 | NEHL1EM-475X | E CAPACITOR | 4.7uF 25V M |
| C6543 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M |
| C6544 | NEHL1HM-105X | E CAPACITOR | 1uF 50V M |
| C6545 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C6546 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C6551 | NEHL1HM-105X | E CAPACITOR | 1uF 50V M |
| C6552 | NEHL1HM-105X | E CAPACITOR | 1uF 50V M |
| C6553 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C6554 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C6555 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C6556 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C6557 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M |
| C6559 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M |
| C6561 | NEHL1HM-105X | E CAPACITOR | 1uF 50V M |
| C6562 | NEHL1HM-225X | E CAPACITOR | 2.2uF 50V M |
| C6563 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K |
| C6564 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K |
| C6567 | NCB11EK-105X | C CAPACITOR | 1uF 25V K |
| C6568 | NCB11EK-105X | C CAPACITOR | 1uF 25V K |
| C6585 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M |
| C6586 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M |
| C6601 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J |
| C6602 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J |
| C6605 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M |
| C6606 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M |
| C6621 | NCB31HK-332X | C CAPACITOR | 3300pF 50V K |
| C6622 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K |
| C6623 | NEHL1EM-226X | E CAPACITOR | 22uF 25V M |
| C6624 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K |
| C6625 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K |
| C6626 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K |
| C6627 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K |
| C6628 | NEHL1EM-226X | E CAPACITOR | 22uF 25V M |
| C6629 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K |
| C6630 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K |
| C6631 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K |
| C6632 | NCB31HK-332X | C CAPACITOR | 3300pF 50V K |
| C6661 | NCB11EK-105X | C CAPACITOR | 1uF 25V K |
| C6662 | NCB11EK-105X | C CAPACITOR | 1uF 25V K |
| C6663 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C6664 | QETN1HM-226Z | E CAPACITOR | 22uF 50V M |
| C6665 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C6666 | QETN1HM-226Z | E CAPACITOR | 22uF 50V M |
| C6667 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C6668 | NDC31HJ-561X | C CAPACITOR | 560pF 50V J |
| C6669 | QFV21HJ-224Z | MF CAPACITOR | 0.22uF 50V J |
| C6670 | QFVF1HJ-474Z | MF CAPACITOR | 0.47uF 50V J |
| C6671 | NCB31HK-153X | C CAPACITOR | 0.015uF 50V K |
| C6672 | QETN1EM-477Z | E CAPACITOR | 470uF 25V M |
| C6673 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C6674 | QETN1EM-477Z | E CAPACITOR | 470uF 25V M |
| C6675 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C6676 | NDC31HJ-561X | C CAPACITOR | 560pF 50V J |
| C6677 | NDC31HJ-561X | C CAPACITOR | 560pF 50V J |
| C6678 | QFV21HJ-224Z | MF CAPACITOR | 0.22uF 50V J |
| C6679 | QFVF1HJ-474Z | MF CAPACITOR | 0.47uF 50V J |
| C6680 | NCB31HK-153X | C CAPACITOR | 0.015uF 50V K |
| C6681 | NDC31HJ-561X | C CAPACITOR | 560pF 50V J |
| C6682 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C6683 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C6684 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C6685 | QETN1EM-477Z | E CAPACITOR | 470uF 25V M |
| C6687 | QETN1EM-477Z | E CAPACITOR | 470uF 25V M |
| C6688 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C6693 | QETN1CM-477Z | E CAPACITOR | 470uF 16V M |
| R201 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J |
| R202 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R203 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R204 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R206 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R208 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R209 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R210 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R211 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R213 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R214 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R215 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R216 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R217 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R218 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R219 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R220 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R232 | NRS12BJ-151W | MG RESISTOR | 150Ω 1/2W J |
| R302 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R303 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R334 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R335 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R336 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J |
| R372 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R374 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J |
| R375 | NRSA63J-181X | MG RESISTOR | 180Ω 1/16W J |
| R382 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R384 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J |
| R385 | NRSA63J-181X | MG RESISTOR | 180Ω 1/16W J |
| R392 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R394 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J |
| R395 | NRSA63J-181X | MG RESISTOR | 180Ω 1/16W J |
| R402 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R403 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R409 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R410 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J |
| R412 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R413 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R501 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R502 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J |
| R503 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R504 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J |
| R505 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R508 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R509 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J |
| R510 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R511 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J |
| R512 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R513 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R514 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J |
| R516 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R517 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J |
| R518 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R520 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R521 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J |
| R522 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R523 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J |
| R524 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R527 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J |
| R529 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J |
| R530 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R531 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R534 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R535 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R537 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R538 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J |
| R539 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R540 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J |
| R541 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R542 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R543 | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J |
| R544 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J |
| R545 | NRSA63J-123X | MG RESISTOR | 12kΩ 1/16W J |
| R552 | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J |
| R553 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J |
| R554 | NRSA63J-123X | MG RESISTOR | 12kΩ 1/16W J |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R556 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R572 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R573 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R575 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R576 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R577 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R578 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R590 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R711 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R713 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R714 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R715 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R716 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R717 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R718 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R719 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R720 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R721 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R722 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R724 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R801 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R802 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R803 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R804 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R805 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R806 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R807 | NRSA63J-752X | MG RESISTOR | 7.5kΩ 1/16W J | |
| R808 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R809 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R810 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J | |
| R811 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J | |
| R812 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J | |
| R813 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J | |
| R814 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J | |
| R815 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J | |
| R816 | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J | |
| R817 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R818 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R819 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R820 | NRSA63J-154X | MG RESISTOR | 150kΩ 1/16W J | |
| R821 | NRSA63J-181X | MG RESISTOR | 180Ω 1/16W J | |
| R822 | NRSA63J-154X | MG RESISTOR | 150kΩ 1/16W J | |
| R823 | NRSA63J-154X | MG RESISTOR | 150kΩ 1/16W J | |
| R824 | NRSA63J-181X | MG RESISTOR | 180Ω 1/16W J | |
| R825 | NRSA63J-154X | MG RESISTOR | 150kΩ 1/16W J | |
| R826 | NRSA63J-154X | MG RESISTOR | 150kΩ 1/16W J | |
| R827 | NRSA63J-181X | MG RESISTOR | 180Ω 1/16W J | |
| R828 | NRSA63J-154X | MG RESISTOR | 150kΩ 1/16W J | |
| R829 | NRSA63J-154X | MG RESISTOR | 150kΩ 1/16W J | |
| R830 | NRSA63J-181X | MG RESISTOR | 180Ω 1/16W J | |
| R831 | NRSA63J-154X | MG RESISTOR | 150kΩ 1/16W J | |
| R832 | NRSA63J-154X | MG RESISTOR | 150kΩ 1/16W J | |
| R833 | NRSA63J-181X | MG RESISTOR | 180Ω 1/16W J | |
| R834 | NRSA63J-154X | MG RESISTOR | 150kΩ 1/16W J | |
| R835 | NRSA63J-154X | MG RESISTOR | 150kΩ 1/16W J | |
| R836 | NRSA63J-181X | MG RESISTOR | 180Ω 1/16W J | |
| R837 | NRSA63J-154X | MG RESISTOR | 150kΩ 1/16W J | |
| R838 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R839 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R840 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R851 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J | |
| R852 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J | |
| R853 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J | |
| R854 | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J | |
| R855 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R856 | NRSA63J-105X | MG RESISTOR | 1MΩ 1/16W J | |
| R859 | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J | |
| R860 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R861 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R862 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | |
| R863 | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J | |
| R864 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J | |
| R865 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J | |
| R866 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R867 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R869 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R873 | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J | |
| R874 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J | |
| R876 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R877 | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J | |
| R879 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R883 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R884 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J | |
| R885 | NRSA63J-123X | MG RESISTOR | 12kΩ 1/16W J | |
| R886 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R887 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R888 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R889 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R893 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R901 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R902 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R903 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J | |
| R904 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R907 | NRS12BJ-0R0W | MG RESISTOR | 0Ω 1/2W J | |
| R908 | NRS12BJ-471W | MG RESISTOR | 470Ω 1/2W J | |
| R917 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R2001 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2002 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2003 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2004 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2005 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2006 | NRSA63J-680X | MG RESISTOR | 68Ω 1/16W J | |
| R2051 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R2052 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J | |
| R2053 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R2054 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R2055 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J | |
| R2056 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R2057 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R2058 | NRSA63J-393X | MG RESISTOR | 39kΩ 1/16W J | |
| R2101 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2102 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2103 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2104 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2105 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2106 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2151 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R2152 | NRSA63J-680X | MG RESISTOR | 68Ω 1/16W J | |
| R2153 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R2154 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J | |
| R2155 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R2156 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R2157 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J | |
| R2158 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R2159 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R2160 | NRSA63J-393X | MG RESISTOR | 39kΩ 1/16W J | |
| R2161 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2163 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2171 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R2172 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R2173 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R2201 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2202 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2203 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2204 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J | |
| R2205 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J | |
| R2301 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2302 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2303 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2304 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J | |
| R2305 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J | |
| R2401 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2402 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2451 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R2452 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J | |
| R2453 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R2454 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R2455 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J | |
| R2456 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R2457 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R2458 | NRSA63J-393X | MG RESISTOR | 39kΩ 1/16W J | |
| R2601 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2602 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2603 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2604 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | |
| R2605 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | |
| R2606 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6001 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R6002 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R6003 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6004 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R6005 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R6006 | QRL039J-330 | OMF RESISTOR | 33Ω 3W J | |
| R6007 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6008 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6201 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R6202 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R6203 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J | |
| R6204 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R6205 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R6301 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6302 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6303 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6304 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6305 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6306 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6307 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6308 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6309 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6310 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| R6409 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R6423 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J |
| R6424 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R6425 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R6431 | NRSA63J-563X | MG RESISTOR | 56kΩ 1/16W J |
| R6432 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J |
| R6515 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J |
| R6516 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J |
| R6517 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R6518 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J |
| R6519 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J |
| R6520 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R6521 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R6522 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R6523 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J |
| R6524 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R6525 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R6526 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J |
| R6527 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R6528 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R6529 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J |
| R6530 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R6531 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R6532 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J |
| R6533 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R6534 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R6535 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R6536 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R6537 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R6538 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R6539 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R6540 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R6541 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R6542 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R6543 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R6551 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J |
| R6552 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J |
| R6553 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J |
| R6554 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J |
| R6555 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J |
| R6556 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J |
| R6557 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J |
| R6558 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J |
| R6559 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J |
| R6560 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J |
| R6563 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J |
| R6564 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R6567 | NRSA63J-124X | MG RESISTOR | 120kΩ 1/16W J |
| R6568 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R6569 | NRSA63J-823X | MG RESISTOR | 82kΩ 1/16W J |
| R6577 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J |
| R6578 | NRSA63J-392X | MG RESISTOR | 3.9kΩ 1/16W J |
| R6579 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J |
| R6580 | NRSA63J-392X | MG RESISTOR | 3.9kΩ 1/16W J |
| R6601 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R6602 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J |
| R6603 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R6605 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R6606 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J |
| R6607 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R6617 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J |
| R6621 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R6622 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R6623 | NRSA63J-392X | MG RESISTOR | 3.9kΩ 1/16W J |
| R6624 | QRJ146J-102X | UNF C RESISTOR | 1kΩ 1/4W J |
| R6625 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R6626 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J |
| R6627 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J |
| R6629 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J |
| R6630 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J |
| R6631 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R6632 | NRSA63J-392X | MG RESISTOR | 3.9kΩ 1/16W J |
| R6633 | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J |
| R6634 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R6661 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R6662 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R6663 | NRSA63J-393X | MG RESISTOR | 39kΩ 1/16W J |
| R6664 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R6665 | NRSA63J-393X | MG RESISTOR | 39kΩ 1/16W J |
| R6666 | QRK126J-5R6X | UNF C RESISTOR | 5.6Ω 1/2W J |
| R6667 | QRK126J-220X | UNF C RESISTOR | 22Ω 1/2W J |
| R6668 | QRK126J-5R6X | UNF C RESISTOR | 5.6Ω 1/2W J |
| R6669 | QRK126J-220X | UNF C RESISTOR | 22Ω 1/2W J |
| R6670 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J |
| R6671 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R6673 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R6674 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R6675 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J |
| R6676 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R6677 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R6680 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R6684 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J |
| R6685 | NRSA63J-563X | MG RESISTOR | 56kΩ 1/16W J |
| R6686 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J |
| R6691 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J |
| RB802 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| L807 | NQR0499-001X | FERRITE BEADS | |
| L808 | NQR0499-001X | FERRITE BEADS | |
| L809 | NQR0499-001X | FERRITE BEADS | |
| L851 | NQL092K-6R8X | P COIL | 6.8uH K |
| L852 | NQL092K-6R8X | P COIL | 6.8uH K |
| L853 | NQL092K-6R8X | P COIL | 6.8uH K |
| L854 | NQL092M-270X | P COIL | 27uH M |
| L855 | NQL904J-560X | COIL | 56uH J |
| L861 | NQL914K-220X | COIL | 22uH K |
| L862 | NQL914K-101X | COIL | 100uH K |
| L863 | NQL914K-101X | COIL | 100uH K |
| L864 | NQL914K-101X | COIL | 100uH K |
| L865 | NQL914K-220X | COIL | 22uH K |
| L866 | NQL914K-220X | COIL | 22uH K |
| L867 | NQL914K-220X | COIL | 22uH K |
| L902 | NQL52EM-220X | COIL | 22uH M |
| L903 | NQL52EM-220X | COIL | 22uH M |
| L904 | NQL52EM-220X | COIL | 22uH M |
| L6661 | QQL28AK-560 | COIL | 56uH K |
| L6662 | QQL28AK-560 | COIL | 56uH K |
| CN000H | QGF1201C2-21 | CONNECTOR | FFC/FPC (1-21) |
| CN0011 | QGF0508F1-50X | CONNECTOR | FFC/FPC (1-50) |
| CN0012 | QGF0508F1-50X | CONNECTOR | FFC/FPC (1-50) |
| J2001 | QNZ0463-001 | 21P CONNECTOR | EXT-1 |
| J2002 | QNZ0463-001 | 21P CONNECTOR | EXT-2 |
| J2003 | QNZ0726-001 | AV JACK | EXT-3 |
| J2004 | QNN0650-001 | PIN JACK | EXT-4 |
| J2005 | QNN0649-001 | PIN JACK | AUDIO IN/OUT |
| J2007 | QNZ0561-001 | D CONNECTOR | RGB IN |
| K6601 | NQR0499-002X | FERRITE BEADS | |
| K6602 | NQR0499-002X | FERRITE BEADS | |
| K6661 | NQR0499-002X | FERRITE BEADS | |
| K6662 | NQR0499-002X | FERRITE BEADS | |
| K6663 | NQR0499-002X | FERRITE BEADS | |
| K6664 | NQR0499-002X | FERRITE BEADS | |
| ⚠TH6661 | NAD0035-471X | P THERMISTOR | 470Ω |
| X201 | NAX0787-001X | CRYSTAL | |
| X801 | NAX0621-001X | CRYSTAL | 16.200MHz |

## CONNECTOR P.W. BOARD ASS'Y (SFL-4114A-U2)

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| IC4301 | RC4558D-X | IC | |
| IC4401 | TL52055PW-X | IC | |
| IC4402 | TL52055PW-X | IC | |
| IC4501 | TC7WH126FU-X | IC | |
| IC4502 | TC7WH240FU-X | IC | |
| D4501 | MA8033-X | Z DIODE | |
| C4303 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M |
| C4304 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M |
| C4305 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M |
| C4306 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M |
| C4401 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C4402 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C4403 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| C4404 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| C4405 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C4406 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C4407 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C4408 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C4409 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C4410 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C4411 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| C4412 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| C4413 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| C4414 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C4415 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C4416 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C4417 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C4418 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C4419 | NCB21AK-105X | C CAPACITOR | 1uF 10V K |
| C4420 | NCB21AK-105X | C CAPACITOR | 1uF 10V K |
| C4421 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J |
| C4422 | NCB21CK-105X | C CAPACITOR | 1uF 16V K |
| C4423 | NCB21CK-105X | C CAPACITOR | 1uF 16V K |
| C4501 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R4301 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R4302 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R4303 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R4304 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R4305 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R4306 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R4307 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4308 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4401 | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J | |
| R4402 | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J | |
| R4403 | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J | |
| R4404 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R4422 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R4424 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R4426 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R4501 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R4502 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R4503 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R4504 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R4505 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J | |
| CN0001 | QGF0508F1-50X | CONNECTOR | FFC/FPC (1-50) | |
| CN0002 | QGF0508F1-30X | CONNECTOR | FFC/FPC (1-30) | |
| CN000T | QGF0540C1-40X | CONNECTOR | FFC/FPC (1-40) | |
| CN1011 | QGF0508F1-50X | CONNECTOR | FFC/FPC (1-50) | |
| CN1012 | QGF0508F1-50X | CONNECTOR | FFC/FPC (1-50) | |

## FRONT CONTROL P.W. BOARD ASS'Y (SFL-7111A-U2)

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| D7011 | UDZS6.2B-X | Z DIODE | | |
| C7011 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C7012 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| R7011 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R7012 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R7013 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7014 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7015 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7016 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7018 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7701 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R7702 | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J | |
| R7703 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R7704 | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J | |
| L7001 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L7002 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| J7001 | QNS0097-001 | HEADPHONE JACK | | |
| K7001 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| S7701 | QSW1131-001Z | TACT SWITCH | CH- | |
| S7702 | QSW1131-001Z | TACT SWITCH | CH+ | |
| S7703 | QSW1131-001Z | TACT SWITCH | MENU | |
| S7704 | QSW1131-001Z | TACT SWITCH | TV/AV | |
| S7705 | QSW1131-001Z | TACT SWITCH | VOL+ | |
| S7706 | QSW1131-001Z | TACT SWITCH | VOL- | |
| S7707 | QSW1131-001Z | TACT SWITCH | POWER | |

## FRONT LED P.W. BOARD ASS'Y (SFL-8133A-U2)

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| IC8752 | GP1UM261RK | IR DETECT UNIT | | |
| Q8703 | UN2212-X | DIGI TRANSISTOR | | |
| Q8704 | UN2110-X | DIGI TRANSISTOR | | |
| Q8710 | UN2212-X | DIGI TRANSISTOR | | |
| Q8711 | UN2212-X | DIGI TRANSISTOR | | |
| D8702 | SEL5E20C-T | LED | POWER | |
| D8705 | SELU5E20C-T | LED | ILLUMINATION | |
| D8706 | MA8068-X | Z DIODE | | |
| D8707 | MA8068-X | Z DIODE | | |
| D8708 | MA8068-X | Z DIODE | | |
| D8709 | MA8068-X | Z DIODE | | |
| C8752 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R8713 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | |
| R8714 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R8721 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R8722 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J | |
| R8724 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R8726 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R8755 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |

## CARD P.W. BOARD ASS'Y (SFL-8512A-U2)

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| IC1001 | ES6425FF | IC | | |
| IC1002 | IC-PST596N/J/-X | IC | | |
| IC1003 | SN74LVC1G126V-X | IC | | |
| IC1005 | RPI-352 | PHOTO TRANSISTOR | | |
| IC1006 | SN74LVC2G74T-X | IC | | |
| IC1007 | SN74LVC2G241T-X | IC | | |
| IC1201 | SN74LVC244APW-X | IC | | |
| IC1202 | SN74LVC1G04V-X | IC(DIGITAL) | | |
| IC1203 | SN74LVC1G08V-X | IC | | |
| IC1401 | K4S281632F-UC75 | IC(DIGITAL) | | |
| IC2001 | ADV7125KST140 | IC | | |
| IC2002 | AK4384VT-X | IC | | |
| IC2003 | NJM4580V-X | IC | | |
| IC2004 | XC9572L10VG6401 | IC(MICRO C ROM) | | |
| IC2005 | SN74LVC2G08T-X | IC | | |
| IC2201 | R1170H331B-X | IC | | |
| IC2202 | MP1580HS-X | IC | | |
| IC2204 | MM1562AF-X | IC | | |
| Q1201 | 2SB1188/QR/-W | TRANSISTOR | | |
| Q1202 | UN2213-X | DIGI TRANSISTOR | | |
| Q2201 | 2SC2411K/QR/-X | TRANSISTOR | | |
| D1201 | MA111-X | SI DIODE | | |
| D1202 | MA111-X | SI DIODE | | |
| D1203 | MA111-X | SI DIODE | | |
| D1204 | MA111-X | SI DIODE | | |
| D2201 | PTZ3.9B-X | Z DIODE | | |
| D2202 | EC30HA03L-X | SB DIODE | | |
| C1001 | NBZ0007-107X | SP E CAPACITOR | 100uF 4V M | |
| C1002 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1003 | NBZ0007-107X | SP E CAPACITOR | 100uF 4V M | |
| C1004 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1005 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1006 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1007 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1008 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1009 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1010 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J | |
| C1011 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1012 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1016 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1017 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1018 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1019 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1020 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1021 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1022 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1025 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1026 | NEHM0JM-336X | E CAPACITOR | 33uF 6.3V M | |
| C1027 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1028 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1029 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1030 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1032 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1033 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1034 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1035 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1036 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1037 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1038 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1039 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1040 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1041 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1042 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1043 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J | |
| C1044 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J | |
| C1045 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J | |
| C1201 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1202 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M | |
| C1203 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1204 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1205 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1206 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| C1301 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C1402 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C1403 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C1404 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C1405 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C1406 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C1407 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C1408 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C1501 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C2001 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K |
| C2002 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K |
| C2003 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K |
| C2004 | NCB31HK-102X | C CAPACITOR | 1000pF 50V K |
| C2005 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C2006 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C2009 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J |
| C2010 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J |
| C2011 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J |
| C2012 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J |
| C2013 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J |
| C2014 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J |
| C2015 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C2016 | NBZ0010-396X | SP E CAPACITOR | 39uF 16V M |
| C2017 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M |
| C2018 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C2019 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K |
| C2020 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K |
| C2022 | NCB31HK-182X | C CAPACITOR | 1800pF 50V K |
| C2024 | NCB31HK-182X | C CAPACITOR | 1800pF 50V K |
| C2025 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C2026 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C2027 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C2028 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C2029 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C2030 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C2031 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C2033 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M |
| C2034 | NCB31HK-182X | C CAPACITOR | 1800pF 50V K |
| C2035 | NCB31HK-182X | C CAPACITOR | 1800pF 50V K |
| C2201 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C2202 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M |
| C2206 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K |
| C2208 | NCB31CK-103X | C CAPACITOR | 0.01uF 16V K |
| C2209 | NCJ41EK-106X-U | C CAPACITOR | 10mF 25V K |
| C2210 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K |
| C2213 | NDC31HJ-471X | C CAPACITOR | 470pF 50V J |
| C2214 | NCB31CK-105X | C CAPACITOR | 1uF 16V K |
| C2215 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K |
| C2216 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K |
| C2217 | NCJ41EK-106X-U | C CAPACITOR | 10mF 25V K |
| C2218 | NCJ41EK-106X-U | C CAPACITOR | 10mF 25V K |
| C2220 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| R1002 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R1003 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R1004 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R1006 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R1008 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R1010 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R1011 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R1012 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1013 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1015 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1016 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1017 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1018 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1019 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1020 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1036 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1037 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1038 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1039 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1040 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R1044 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R1052 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1053 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1054 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1055 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R1056 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1058 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1060 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1061 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R1065 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1066 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1067 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1068 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1069 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1070 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1201 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J |
| R1202 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| R1203 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1204 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1205 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R1206 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R1207 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R1208 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R1209 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R1210 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R1211 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R1212 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R1213 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R1214 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R1215 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R1216 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R1217 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R1218 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R1219 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1220 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R1221 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1222 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R1223 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1224 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R1225 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1226 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1227 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1228 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R1229 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1230 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R1231 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1232 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1233 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1234 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1235 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1236 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R1237 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R1239 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1240 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1242 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1244 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1246 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1247 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1248 | NRSA63J-683X | MG RESISTOR | 68kΩ 1/16W J |
| R1301 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1401 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1402 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1403 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1501 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1502 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1503 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R1505 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1507 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1511 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R2001 | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J |
| R2002 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R2003 | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J |
| R2004 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R2005 | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J |
| R2006 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R2007 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R2008 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R2009 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R2010 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R2011 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R2012 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R2013 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R2014 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R2015 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R2016 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R2017 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R2018 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R2019 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R2020 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R2021 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R2022 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R2025 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J |
| R2026 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J |
| R2027 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J |
| R2028 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J |
| R2029 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J |
| R2030 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J |
| R2031 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R2032 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R2034 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J |
| R2036 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J |
| R2037 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R2039 | NRSA63D-471X | MG RESISTOR | 470Ω 1/16W D |
| R2040 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R2041 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R2042 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R2043 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R2044 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J | |
| R2046 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R2047 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J | |
| R2048 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R2049 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R2050 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R2051 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R2052 | NRSA63J-683X | MG RESISTOR | 68kΩ 1/16W J | |
| R2053 | NRSA63J-683X | MG RESISTOR | 68kΩ 1/16W J | |
| R2054 | NRSA63J-683X | MG RESISTOR | 68kΩ 1/16W J | |
| R2055 | NRSA63J-683X | MG RESISTOR | 68kΩ 1/16W J | |
| R2201 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R2202 | NRSA63D-153X | MG RESISTOR | 15kΩ 1/16W D | |
| R2203 | NRSA63D-222X | MG RESISTOR | 2.2kΩ 1/16W D | |
| R2204 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R2205 | NRSA63J-680X | MG RESISTOR | 68Ω 1/16W J | |
| R2208 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R2209 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R2210 | NRSA63J-272X | MG RESISTOR | 2.7kΩ 1/16W J | |
| RA1001 | NRZ0034-330W | NET RESISTOR | 33Ω 1/32W J x4 | |
| RA1002 | NRZ0034-330W | NET RESISTOR | 33Ω 1/32W J x4 | |
| RA1003 | NRZ0034-330W | NET RESISTOR | 33Ω 1/32W J x4 | |
| RA1004 | NRZ0034-330W | NET RESISTOR | 33Ω 1/32W J x4 | |
| RA1005 | NRZ0034-330W | NET RESISTOR | 33Ω 1/32W J x4 | |
| RA1006 | NRZ0034-330W | NET RESISTOR | 33Ω 1/32W J x4 | |
| RA1007 | NRZ0034-330W | NET RESISTOR | 33Ω 1/32W J x4 | |
| RA1008 | NRZ0034-330W | NET RESISTOR | 33Ω 1/32W J x4 | |
| RA1401 | NRZ0034-100W | NET RESISTOR | 10Ω 1/32W J x4 | |
| RA1402 | NRZ0034-100W | NET RESISTOR | 10Ω 1/32W J x4 | |
| RA1403 | NRZ0034-100W | NET RESISTOR | 10Ω 1/32W J x4 | |
| RA1404 | NRZ0034-100W | NET RESISTOR | 10Ω 1/32W J x4 | |
| RA1405 | NRZ0034-100W | NET RESISTOR | 10Ω 1/32W J x4 | |
| RA1406 | NRZ0034-100W | NET RESISTOR | 10Ω 1/32W J x4 | |
| RA1407 | NRZ0034-100W | NET RESISTOR | 10Ω 1/32W J x4 | |
| RA2001 | NRZ0034-330W | NET RESISTOR | 33Ω 1/32W J x4 | |
| RA2002 | NRZ0034-330W | NET RESISTOR | 33Ω 1/32W J x4 | |
| RA2003 | NRZ0034-330W | NET RESISTOR | 33Ω 1/32W J x4 | |
| RA2004 | NRZ0034-330W | NET RESISTOR | 33Ω 1/32W J x4 | |
| RA2005 | NRZ0034-330W | NET RESISTOR | 33Ω 1/32W J x4 | |
| RA2006 | NRZ0034-330W | NET RESISTOR | 33Ω 1/32W J x4 | |
| L2001 | NQL092K-1R0X | P COIL | 1uH K | |
| L2002 | NQL092K-1R0X | P COIL | 1uH K | |
| L2003 | NQL092K-1R0X | P COIL | 1uH K | |
| L2201 | NQL98EM-150X | COIL | 15uH M | |
| L2202 | NQL52EM-220X | COIL | 22uH M | |
| CN1001 | NNZ0132-001 | MEMORY CARD CON | | |
| CN1002 | NNZ0119-001 | CF CARD CONNE | | |
| K1001 | NQR0413-002X | FERRITE BEADS | | |
| K1002 | NQR0413-002X | FERRITE BEADS | | |
| K1003 | NQR0413-002X | FERRITE BEADS | | |
| K1004 | NQR0413-002X | FERRITE BEADS | | |
| K1005 | NQR0413-002X | FERRITE BEADS | | |
| K1401 | NQR0413-002X | FERRITE BEADS | | |
| K1501 | NQR0413-002X | FERRITE BEADS | | |
| K2001 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K2002 | NQR0413-002X | FERRITE BEADS | | |
| K2003 | NQR0413-002X | FERRITE BEADS | | |
| K2004 | NQR0413-002X | FERRITE BEADS | | |
| K2201 | NQR0413-002X | FERRITE BEADS | | |
| X1001 | NAX0587-001X | CXO | 54.0000MHz | |

## POWER P.W. BOARD ASS'Y (SFL-9039A-U2)

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| IC9141 | BA50BC0FP-X | IC | | |
| ⚠IC9211 | FA5500AN-W | IC | | |
| IC9501 | F9222L-F219 | IC | | |
| ⚠IC9541 | UTCTL431-T | IC | | |
| IC9602 | M62320FP-X | IC | | |
| IC9901 | MP1593DN-X | IC | | |
| Q9021 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q9211 | 2SK3522-01-F1 | POWER MOS FET | | |
| Q9212 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q9213 | IMD3A-W | DIGI TRANSISTOR | | |
| Q9215 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q9216 | UN2212-X | DIGI TRANSISTOR | | |
| Q9251 | UN2213-X | DIGI TRANSISTOR | | |
| Q9252 | UN2212-X | DIGI TRANSISTOR | | |
| Q9501 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q9502 | 2SK2865-X | POWER MOS FET | | |
| Q9503 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q9504 | 2SK2018-01S-W | POWER MOS FET | | |
| Q9506 | UN2213-X | DIGI TRANSISTOR | | |
| Q9541 | UN2212-X | DIGI TRANSISTOR | | |
| Q9602 | 2SB1188/QR/-W | TRANSISTOR | | |
| Q9603 | UN2212-X | DIGI TRANSISTOR | | |
| Q9604 | UN2212-X | DIGI TRANSISTOR | | |
| Q9606 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q9608 | 2SB1188/QR/-W | TRANSISTOR | | |
| Q9901 | 2SD601A/QR/-X | TRANSISTOR | | |
| D9021 | MA111-X | SI DIODE | | |
| D9111 | S1WB/A/60-4101 | BRIDGE DIODE | | |
| ⚠D9201 | D25XB60 | BRIDGE DIODE | | |
| D9202 | MA111-X | SI DIODE | | |
| D9205 | MA3082/M/-X | Z DIODE | | |
| D9211 | YG972S6R | SI DIODE | | |
| D9213 | MA111-X | SI DIODE | | |
| D9214 | MA111-X | SI DIODE | | |
| D9215 | D1FL20U-X | SI DIODE | | |
| D9251 | MA3100/M/-X | Z DIODE | | |
| D9252 | MA111-X | SI DIODE | | |
| D9253 | MA111-X | SI DIODE | | |
| D9254 | D1FL20U-X | SI DIODE | | |
| D9301 | FME-220A | SB DIODE | | |
| D9302 | FME-220A | SB DIODE | | |
| D9501 | MA8220/M/-X | Z DIODE | | |
| D9502 | MA8110/H/-X | Z DIODE | | |
| D9503 | D1FL20U-X | SI DIODE | | |
| D9504 | D1FL20U-X | SI DIODE | | |
| D9505 | MA8220/M/-X | Z DIODE | | |
| D9507 | D1FL20U-X | SI DIODE | | |
| D9508 | UDZS5.6B-X | Z DIODE | 1.5kΩ 1/10W J | |
| D9509 | SD883-04-X | SB DIODE | | |
| D9512 | D1FS4-X | SB DIODE | | |
| D9514 | PTZ27B-X | Z DIODE | | |
| D9515 | PTZ27B-X | Z DIODE | | |
| D9542 | FCH20A10 | SB DIODE | | |
| D9543 | FCH20A10 | SB DIODE | | |
| D9546 | FCH20A10 | SB DIODE | | |
| D9609 | MA111-X | SI DIODE | | |
| D9901 | EC30HA04-X | SB DIODE | | |
| D9902 | MA111-X | SI DIODE | | |
| D9903 | EC30HA04-X | SB DIODE | | |
| D9905 | D1FL20U-X | SI DIODE | | |
| D9906 | PTZ11B-X | Z DIODE | | |
| D9907 | MTZJ16B-T2 | Z DIODE | | |
| D9908 | MTZJ16B-T2 | Z DIODE | | |
| D9909 | D1FL20U-X | SI DIODE | | |
| ⚠C9001 | QFZ9072-105 | MM CAPACITOR | 1uF AC250V K | |
| ⚠C9002 | QFZ9072-105 | MM CAPACITOR | 1uF AC250V K | |
| ⚠C9011 | QCZ9071-102 | C CAPACITOR | 1000pF AC400V M | |
| ⚠C9013 | QCZ9071-102 | C CAPACITOR | 1000pF AC400V M | |
| ⚠C9101 | QCZ9078-472 | C CAPACITOR | 4700pF AC250V M | |
| ⚠C9102 | QCZ9078-472 | C CAPACITOR | 4700pF AC250V M | |
| ⚠C9103 | QCZ9078-472 | C CAPACITOR | 4700pF AC250V M | |
| C9111 | QEZ0709-106 | E CAPACITOR | 10uF 450V M | |
| C9141 | QECR1CM-477Z | E CAPACITOR | 470uF 16V M | |
| C9142 | QEHR1AM-337Z | E CAPACITOR | 330uF 10V M | |
| C9143 | QEHR1CM-107Z | E CAPACITOR | 100uF 16V M | |
| ⚠C9196 | QCZ9071-471 | C CAPACITOR | 470pF AC400V K | |
| ⚠C9197 | QCZ9071-102 | C CAPACITOR | 1000pF AC400V M | |
| ⚠C9198 | QCZ9071-102 | C CAPACITOR | 1000pF AC400V M | |
| ⚠C9201 | QCZ9078-222 | C CAPACITOR | 2200pF AC250V M | |
| ⚠C9203 | QCZ9078-222 | C CAPACITOR | 2200pF AC250V M | |
| ⚠C9204 | QCZ9078-222 | C CAPACITOR | 2200pF AC250V M | |
| ⚠C9205 | QCZ9078-222 | C CAPACITOR | 2200pF AC250V M | |
| C9211 | QFZ0222-105 | MM CAPACITOR | 1uF 450V K | |
| C9212 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C9213 | NCB21CK-105X | C CAPACITOR | 1uF 16V K | |
| C9214 | NDC31HJ-102X | C CAPACITOR | 1000pF 50V J | |
| C9215 | QEHR1VM-476Z | E CAPACITOR | 47uF 35V M | |
| C9216 | QEZ0650-227 | E CAPACITOR | 220uF 450V M | |
| C9218 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C9219 | QCZ0340-331 | C CAPACITOR | 330pF 2kV K | |
| C9221 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | |
| C9251 | QEHR1HM-107Z | E CAPACITOR | 100uF 50V M | |
| C9252 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C9301 | QECR1EM-687Z | E CAPACITOR | 680uF 25V M | |
| C9302 | QECR1EM-687Z | E CAPACITOR | 680uF 25V M | |
| C9501 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C9502 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C9503 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C9504 | NCB31HK-223X | C CAPACITOR | 0.022uF 50V K | |
| C9505 | NCB31HK-223X | C CAPACITOR | 0.022uF 50V K | |
| C9506 | NCB31HK-331X | C CAPACITOR | 330pF 50V K | |
| C9507 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K | |
| C9508 | NCB11AK-335X | C CAPACITOR | 3.3uF 10V K | |
| C9509 | QEHR1HM-107Z | E CAPACITOR | 100uF 50V M | |
| C9510 | QEHR2AM-107Z | E CAPACITOR | 100uF 100V M | |
| C9511 | QFZ0209-393 | MPP CAPACITOR | 0.039uF | |
| C9512 | QEHR1HM-107Z | E CAPACITOR | 100uF 50V M | |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| C9520 | NCB31HK-331X | C CAPACITOR | 330pF 50V K |
| C9541 | QECQ1VM-128 | E CAPACITOR | 1200uF 35V M |
| C9544 | QECQ1VM-128 | E CAPACITOR | 1200uF 35V M |
| C9545 | QECQ1VM-128 | E CAPACITOR | 1200uF 35V M |
| C9550 | QECQ1VM-128 | E CAPACITOR | 1200uF 35V M |
| C9551 | NCB11HK-104X | C CAPACITOR | 0.1uF 50V K |
| C9552 | NCB31HK-223X | C CAPACITOR | 0.022uF 50V K |
| C9553 | QEHR1EM-477Z | E CAPACITOR | 470uF 25V M |
| C9606 | NCB11CK-475X | C CAPACITOR | 4.7uF 16V K |
| C9609 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K |
| C9610 | NDC31HJ-680X | C CAPACITOR | 68pF 50V J |
| C9611 | NDC31HJ-680X | C CAPACITOR | 68pF 50V J |
| C9613 | NBZ0017-106X | SP E CAPACITOR | 10uF 25V M |
| C9902 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C9903 | QECR1CM-477Z | E CAPACITOR | 470uF 16V M |
| C9904 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K |
| C9907 | NCB31EK-273X | C CAPACITOR | 0.027uF 25V K |
| C9908 | QEHR2AM-106Z | E CAPACITOR | 10uF 100V M |
| C9909 | QEHR1HM-106Z | E CAPACITOR | 10uF 50V M |
| C9912 | QEHR1CM-477Z | E CAPACITOR | 470uF 16V M |
| C9913 | NCJ41HK-335X-U | C CAPACITOR | |
| C9914 | QTNC1HM-106Z | E CAPACITOR | 10uF 50V M |
| C9917 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K |
| ⚠R9001 | QRZ9046-105Z | C RESISTOR | 1MΩ 1/2W K |
| R9021 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R9022 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R9101 | QRZ0216-4R7 | UNF WW RESISTOR | 4.7Ω 7W K |
| R9141 | QRX01GJ-1R0 | MF RESISTOR | 1Ω 1W J |
| R9142 | QRX01GJ-R82 | MF RESISTOR | 0.82Ω 1W J |
| ⚠R9199 | QRZ9046-685Z | C RESISTOR | 6.8MΩ 1/2W K |
| ⚠R9201 | QRZ9055-8R2 | FUSI RESISTOR | 8.2Ω 2W K |
| R9203 | NRS12BJ-681W | MG RESISTOR | 680Ω 1/2W J |
| R9211 | NRS12BJ-474W | MG RESISTOR | 470kΩ 1/2W J |
| R9212 | NRS12BJ-474W | MG RESISTOR | 470kΩ 1/2W J |
| R9213 | NRS12BJ-334W | MG RESISTOR | 330kΩ 1/2W J |
| R9214 | NRSA63J-912X | MG RESISTOR | 9.1kΩ 1/16W J |
| R9215 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R9216 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J |
| R9217 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J |
| R9218 | NRSA63D-183X | MG RESISTOR | 18kΩ 1/16W D |
| R9219 | NRS12BJ-223W | MG RESISTOR | 22kΩ 1/2W J |
| R9220 | QRM059J-R22 | MP RESISTOR | 0.22Ω 5W J |
| R9221 | QRM059J-R22 | MP RESISTOR | 0.22Ω 5W J |
| R9222 | NRS181J-824X | MG RESISTOR | 820kΩ 1/8W J |
| R9223 | NRS181J-824X | MG RESISTOR | 820kΩ 1/8W J |
| R9224 | NRS181J-824X | MG RESISTOR | 820kΩ 1/8W J |
| R9225 | NRS12BJ-334W | MG RESISTOR | 330kΩ 1/2W J |
| R9226 | NRS12BJ-334W | MG RESISTOR | 330kΩ 1/2W J |
| R9227 | NRS12BJ-394W | MG RESISTOR | 390kΩ 1/2W J |
| R9228 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R9229 | NRSA63D-274X | MG RESISTOR | 270kΩ 1/16W D |
| R9233 | NRS181J-0R0X | MG RESISTOR | 0Ω 1/8W J |
| R9236 | NRS12BJ-474W | MG RESISTOR | 470kΩ 1/2W J |
| R9237 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R9238 | NRS12BJ-220W | MG RESISTOR | 22Ω 1/2W J |
| R9239 | NRS12BJ-1R0W | MG RESISTOR | 1Ω 1/2W J |
| R9251 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R9253 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J |
| R9254 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R9255 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J |
| R9256 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J |
| R9257 | NRS12BJ-102W | MG RESISTOR | 1kΩ 1/2W J |
| R9301 | QRT039J-1R2 | MF RESISTOR | 1.2Ω 3W J |
| R9302 | QRT039J-1R2 | MF RESISTOR | 1.2Ω 3W J |
| R9501 | QRL039J-103 | OMF RESISTOR | 10kΩ 3W J |
| R9502 | QRL039J-103 | OMF RESISTOR | 10kΩ 3W J |
| R9503 | NRS181J-824X | MG RESISTOR | 820kΩ 1/8W J |
| R9504 | NRS181J-824X | MG RESISTOR | 820kΩ 1/8W J |
| R9505 | NRS181J-824X | MG RESISTOR | 820kΩ 1/8W J |
| R9506 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R9507 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R9508 | QRT029J-R56 | MF RESISTOR | 0.56Ω 2W J |
| R9509 | QRM059J-R27 | MP RESISTOR | 0.27Ω 5W J |
| R9510 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R9511 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R9512 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J |
| R9513 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J |
| R9514 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J |
| R9515 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J |
| R9516 | QRT029J-2R2 | MF RESISTOR | 2.2Ω 2W J |
| R9517 | NRS12BJ-332W | MG RESISTOR | 3.3kΩ 1/2W J |
| R9518 | QRK126J-271X | UNF C RESISTOR | 270Ω 1/2W J |
| R9519 | NRSA02J-180X | MG RESISTOR | 18Ω 1/10W J |
| R9520 | QRE121J-105Y | C RESISTOR | 1MΩ 1/2W J |
| R9521 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J |
| R9525 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J |
| R9526 | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J |
| R9527 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J |
| R9529 | QRL039J-681 | OMF RESISTOR | 680Ω 3W J |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| R9536 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J |
| R9541 | NRSA63J-684X | MG RESISTOR | 680kΩ 1/16W J |
| R9542 | NRSA02J-103X | MG RESISTOR | 10kΩ 1/10W J |
| R9543 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R9544 | NRSA63D-273X | MG RESISTOR | 27kΩ 1/16W D |
| R9545 | NRSA63D-682X | MG RESISTOR | 6.8kΩ 1/16W D |
| R9546 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J |
| R9548 | NRSA63D-392X | MG RESISTOR | 3.9kΩ 1/16W D |
| R9549 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R9552 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J |
| R9562 | NRS12BJ-223W | MG RESISTOR | 22kΩ 1/2W J |
| R9563 | NRS12BJ-6R8W | MG RESISTOR | 6.8Ω 1/2W J |
| R9604 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R9605 | NRSA02J-102X | MG RESISTOR | 1kΩ 1/10W J |
| R9615 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R9616 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R9629 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R9631 | NRSA02J-332X | MG RESISTOR | 3.3kΩ 1/10W J |
| R9632 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R9635 | NRS12BJ-221W | MG RESISTOR | 220Ω 1/2W J |
| R9637 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J |
| R9641 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R9643 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R9648 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R9657 | NRS12BJ-6R8W | MG RESISTOR | 6.8Ω 1/2W J |
| R9658 | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J |
| R9659 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R9660 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R9661 | NRS12BJ-6R8W | MG RESISTOR | 6.8Ω 1/2W J |
| R9667 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J |
| R9668 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J |
| R9901 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J |
| R9902 | NRSA63D-104X | MG RESISTOR | 100kΩ 1/16W D |
| R9903 | NRSA63D-103X | MG RESISTOR | 10kΩ 1/16W D |
| R9904 | NRSA63D-184X | MG RESISTOR | 180kΩ 1/16W D |
| R9905 | QRK126J-222X | UNF C RESISTOR | 2.2kΩ 1/2W J |
| R9906 | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J |
| R9907 | NRSA63J-122X | MG RESISTOR | 1.2kΩ 1/16W J |
| R9908 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J |
| R9909 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R9913 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R9923 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| L9141 | NQL52EN-4R7X | COIL | 4.7uH N |
| L9201 | QQR1662-001 | CHOKE COIL | |
| L9202 | QQR1513-001 | CHOKE COIL | |
| L9541 | NQL71EM-150X | COIL | 15uH M |
| L9542 | NQL52EM-470X | COIL | 47uH M |
| L9902 | NQR0562-001X | CHOKE COIL | |
| L9903 | NQR0562-001X | CHOKE COIL | |
| L9904 | NQL63EM-470X | COIL | 47uH M |
| ⚠T9121 | QAL0425-002 | POWER TRANSF | |
| ⚠T9501 | QQS0347-002 | SW TRANSF | |
| ⚠T9502 | QQS0347-002 | SW TRANSF | |
| CN0006 | QGB2501J1-07 | CONNECTOR | B-B (1-7) |
| ⚠CN0007 | QGB2501J1-10 | CONNECTOR | B-B (1-10) |
| CN000H | QGF1201C2-21 | CONNECTOR | FFC/FPC (1-21) |
| ⚠CP9121 | QMFZ052-2R0-E | FUSE | 2A AC250V |
| ⚠CP9211 | QMFZ043-2R0Z-J1 | FUSE | 2A AC250V |
| ⚠CP9301 | QMFZ034-5R0Z-J1 | FUSE | 5A 125V |
| ⚠CP9302 | QMFZ034-5R0Z-J1 | FUSE | 5A 125V |
| ⚠F9001 | QMF5AD2-6R3-J1 | FUSE | 6.3A AC250V |
| K9001 | QRN143J-0R0X | C RESISTOR | 0Ω 1/4W J |
| K9111 | NQR0499-001X | FERRITE BEADS | |
| K9211 | QQR0621-002Z | FERRITE BEADS | |
| K9212 | QQR0621-002Z | FERRITE BEADS | |
| K9501 | NQR0499-002X | FERRITE BEADS | |
| K9502 | NQR0499-002X | FERRITE BEADS | |
| K9503 | NQR0499-002X | FERRITE BEADS | |
| K9504 | NQR0499-002X | FERRITE BEADS | |
| K9505 | NQR0499-002X | FERRITE BEADS | |
| K9508 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J |
| K9509 | NQR0499-002X | FERRITE BEADS | |
| K9541 | NQR0499-001X | FERRITE BEADS | |
| ⚠LF9001 | QQR1514-001 | LINE FILTER | |
| ⚠LF9002 | QQR1467-001 | LINE FILTER | |
| ⚠LF9003 | QQR1514-001 | LINE FILTER | |
| ⚠PC9541 | PS2581AL2/QW/-W | PHOTO COUPLER | |
| ⚠PC9542 | PS2581AL2/QW/-W | PHOTO COUPLER | |
| ⚠RY9021 | QSK0162-001 | RELAY | |
| ⚠RY9201 | QSK0163-001 | RELAY | |
| ⚠VA9001 | QAF0060-621 | VARISTOR | 620V |

## REGULATOR P.W. BOARD ASS'Y (SFL-9138A-U2)

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| IC9801 | MP1593DN-X | IC | | |
| IC9841 | MP1593DN-X | IC | | |
| IC9861 | MP1593DN-X | IC | | |
| IC9881 | LM393DR-X | IC | | |
| Q9801 | 2SC3928A/QR/-X | TRANSISTOR | | |
| D9802 | EC30HA04-X | SB DIODE | | |
| D9803 | MA111-X | SI DIODE | | |
| D9805 | PTZ6.8B-X | Z DIODE | | |
| D9842 | EC30HA04-X | SB DIODE | | |
| D9843 | PTZ3.9B-X | Z DIODE | | |
| D9861 | MA111-X | SI DIODE | | |
| D9862 | EC30HA04-X | SB DIODE | | |
| D9863 | PTZ3.9B-X | Z DIODE | | |
| D9864 | EC30HA04-X | SB DIODE | | |
| D9881 | UDZS9.1B-X | Z DIODE | | |
| D9882 | MA111-X | SI DIODE | | |
| C9803 | NCJ41HK-335X-U | C CAPACITOR | | |
| C9804 | NCB31HK-103X | C CAPACITOR | 0.01uF | 50V K |
| C9805 | NCB31HK-222X | C CAPACITOR | 2200pF | 50V K |
| C9806 | NCJ41CK-226X-U | C CAPACITOR | 22mF | 16V K |
| C9807 | NCB31HK-332X | C CAPACITOR | 3300pF | 50V K |
| C9810 | NEHM1HM-105X | E CAPACITOR | 1uF | 50V M |
| C9843 | NCJ41HK-335X-U | C CAPACITOR | | |
| C9844 | NCB31HK-103X | C CAPACITOR | 0.01uF | 50V K |
| C9845 | NDC31HJ-121X | C CAPACITOR | 120pF | 50V J |
| C9846 | NCJ41CK-226X-U | C CAPACITOR | 22mF | 16V K |
| C9847 | NCB31HK-222X | C CAPACITOR | 2200pF | 50V K |
| C9848 | NCJ41CK-226X-U | C CAPACITOR | 22mF | 16V K |
| C9861 | NCJ41HK-335X-U | C CAPACITOR | | |
| C9862 | NCB31HK-822X | C CAPACITOR | 8200pF | 50V K |
| C9864 | NCB31HK-103X | C CAPACITOR | 0.01uF | 50V K |
| C9865 | NDC31HJ-121X | C CAPACITOR | 120pF | 50V J |
| C9866 | NCJ41CK-226X-U | C CAPACITOR | 22mF | 16V K |
| C9867 | NCB31HK-222X | C CAPACITOR | 2200pF | 50V K |
| C9868 | NCJ41CK-226X-U | C CAPACITOR | 22mF | 16V K |
| C9881 | NEHM1HM-105X | E CAPACITOR | 1uF | 50V M |
| C9882 | NCB31EK-104X | C CAPACITOR | 0.1uF | 25V K |
| C9883 | NCB31EK-104X | C CAPACITOR | 0.1uF | 25V K |
| C9884 | NCB31EK-104X | C CAPACITOR | 0.1uF | 25V K |
| R9803 | NRSA02J-0R0X | MG RESISTOR | 0Ω | 1/10W J |
| R9804 | NRSA63J-562X | MG RESISTOR | 5.6kΩ | 1/16W J |
| R9805 | NRVA02D-473X | CMF RESISTOR | 47kΩ | 1/10W D |
| R9806 | NRSA63D-124X | MG RESISTOR | 120kΩ | 1/16W D |
| R9807 | NRSA63D-103X | MG RESISTOR | 10kΩ | 1/16W D |
| R9808 | NRSA63J-682X | MG RESISTOR | 6.8kΩ | 1/16W J |
| R9809 | NRSA63J-182X | MG RESISTOR | 1.8kΩ | 1/16W J |
| R9810 | NRSA63J-183X | MG RESISTOR | 18kΩ | 1/16W J |
| R9812 | NRSA02J-0R0X | MG RESISTOR | 0Ω | 1/10W J |
| R9841 | NRSA63J-473X | MG RESISTOR | 47kΩ | 1/16W J |
| R9843 | NRSA02J-0R0X | MG RESISTOR | 0Ω | 1/10W J |
| R9844 | NRSA63J-680X | MG RESISTOR | 68Ω | 1/16W J |
| R9845 | NRSA63J-103X | MG RESISTOR | 10kΩ | 1/16W J |
| R9846 | NRSA63D-223X | MG RESISTOR | 22kΩ | 1/16W D |
| R9847 | NRSA63J-154X | MG RESISTOR | 150kΩ | 1/16W J |
| R9848 | NRSA63D-103X | MG RESISTOR | 10kΩ | 1/16W D |
| R9849 | NRSA02J-0R0X | MG RESISTOR | 0Ω | 1/10W J |
| R9861 | NRSA02J-0R0X | MG RESISTOR | 0Ω | 1/10W J |
| R9862 | NRSA63J-473X | MG RESISTOR | 47kΩ | 1/16W J |
| R9863 | NRSA63J-824X | MG RESISTOR | 820kΩ | 1/16W J |
| R9864 | NRSA63J-680X | MG RESISTOR | 68Ω | 1/16W J |
| R9865 | NRSA63J-103X | MG RESISTOR | 10kΩ | 1/16W J |
| R9866 | NRSA63D-153X | MG RESISTOR | 15kΩ | 1/16W D |
| R9867 | NRSA63D-103X | MG RESISTOR | 10kΩ | 1/16W D |
| R9868 | NRSA63D-154X | MG RESISTOR | 150kΩ | 1/16W D |
| R9869 | NRSA02J-0R0X | MG RESISTOR | 0Ω | 1/10W J |
| R9881 | NRS12BJ-332W | MG RESISTOR | 3.3kΩ | 1/2W J |
| R9882 | NRSA63D-472X | MG RESISTOR | 4.7kΩ | 1/16W D |
| R9883 | NRSA63D-472X | MG RESISTOR | 4.7kΩ | 1/16W D |
| R9884 | NRSA63J-682X | MG RESISTOR | 6.8kΩ | 1/16W J |
| R9885 | NRSA63D-273X | MG RESISTOR | 27kΩ | 1/16W D |
| R9886 | NRSA63D-472X | MG RESISTOR | 4.7kΩ | 1/16W D |
| L9802 | NQL98EM-150X | COIL | 15uH | M |
| L9842 | NQL98EM-150X | COIL | 15uH | M |
| L9862 | NQL98EM-150X | COIL | 15uH | M |
| CN9806 | QGB2501K2-07 | CONNECTOR | B-B (1-7) | |
| CN9807 | QGB2501K2-10 | CONNECTOR | B-B (1-10) | |

## DIGITAL SIGNAL P.W. BOARD ASS'Y (SFL0D234A-U2)

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| IC0401 | SN74AHCT1G32V-X | IC | | |
| IC1001 | TC90A92AFG | IC | | |
| IC1002 | MM1572FN-X | IC | | |
| IC1003 | R1141Q151D-X | IC | | |
| IC1005 | ML87V2105TBZ03A | IC | | |
| IC1502 | NJM2235V-X | IC | | |
| IC3001 | JCC5055A | IC | | |
| IC3004 | TC7MB3257FK-X | IC | | |
| IC3005 | SN74LVC1G08V-X | IC | | |
| IC3006 | SN74LVC2G126T-X | IC | | |
| IC3007 | SN74LVC3G17U-X | IC | | |
| IC3008 | R1170H331B-X | IC | | |
| IC3191 | SN74LVC3G17U-X | IC | | |
| IC3403 | S-80928CLNB-G-W | IC | | |
| IC3501 | EDD1232AAFA-7A | IC | | |
| IC3502 | EDD1232AAFA-7A | IC | | |
| IC3503 | LP2996MR-X | IC | | |
| IC4001 | JCC5057 | IC | | |
| IC4003 | AT29LE-37M60BU | IC(MICRO C ROM) | | (SERVICE) |
| IC4004 | ATF256-37M60BU | IC | | (SERVICE) |
| IC6502 | THC63LVDM83R-W | IC | | |
| IC7001 | MN102H60KLG | IC(MCU) | | |
| IC7002 | ATF512-37M60BU | IC(MICRO C ROM) | | (SERVICE) |
| IC7003 | SN74LVC2G241T-X | IC | | |
| IC7401 | S-80928CLNB-G-W | IC | | |
| IC7501 | SDA6000-B12 | IC | | |
| IC7502 | S-80828CNNB-G-W | IC | | |
| IC7503 | K4S641632H-UC75 | IC | | |
| IC7504 | MBV160-37M60BU | IC | | (SERVICE) |
| IC7505 | PQ2L3252MS-X | IC | | |
| IC7506 | CD74HC4053PW-X | IC | | |
| IC7602 | ATF32-37M60BU | IC | | (SERVICE) |
| IC9201 | MP1593DN-X | IC | | |
| Q0101 | 2SC3837K/NP/-X | TRANSISTOR | | |
| Q0102 | 2SA1022/BC/-X | TRANSISTOR | | |
| Q0104 | 2SA1022/BC/-X | TRANSISTOR | | |
| Q0105 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q0107 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q0108 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q0109 | HN1C01F/Y/-X | PAIR TRANSISTOR | | |
| Q0110 | HN1C01F/Y/-X | PAIR TRANSISTOR | | |
| Q0201 | 2SC3837K/NP/-X | TRANSISTOR | | |
| Q0202 | 2SA1022/BC/-X | TRANSISTOR | | |
| Q0203 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q0204 | 2SA1022/BC/-X | TRANSISTOR | | |
| Q0205 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q0206 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q0207 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q0208 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q0209 | HN1C01F/Y/-X | PAIR TRANSISTOR | | |
| Q0210 | HN1C01F/Y/-X | PAIR TRANSISTOR | | |
| Q0301 | 2SC3837K/NP/-X | TRANSISTOR | | |
| Q0302 | 2SA1022/BC/-X | TRANSISTOR | | |
| Q0303 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q0304 | 2SA1022/BC/-X | TRANSISTOR | | |
| Q0305 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q0306 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q0307 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q0308 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q0309 | HN1C01F/Y/-X | PAIR TRANSISTOR | | |
| Q0310 | HN1C01F/Y/-X | PAIR TRANSISTOR | | |
| Q0311 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q1001 | UN2213-X | DIGI TRANSISTOR | | |
| Q1003 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q1004 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q1005 | 2SK1228-X | MOS FET | | |
| Q1006 | 2SK1228-X | MOS FET | | |
| Q1101 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q1103 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q1201 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q1203 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q1301 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q1303 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q1401 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q1403 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q3001 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q3002 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q3003 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q3004 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q4001 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q6501 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q7201 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q7202 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q7203 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q7204 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q7205 | 2SC3928A/QR/-X | TRANSISTOR | | |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| Q7206 | UN2213-X | DIGI TRANSISTOR | |
| Q7207 | UN2113-X | TRANSISTOR | |
| Q7208 | UN2113-X | TRANSISTOR | |
| Q7209 | UN2113-X | TRANSISTOR | |
| Q7501 | 2SA1162/YG/-X | TRANSISTOR | |
| Q7508 | DTC114EKA-X | DIGI TRANSISTOR | |
| D1001 | EC30HA03L-X | SB DIODE | |
| D1002 | EC30HA03L-X | SB DIODE | |
| D2103 | 1SS355-X | SI DIODE | |
| D7001 | 1SS355-X | SI DIODE | |
| D7003 | RB501V-40-X | SB DIODE | |
| D7005 | UDZS8.2B-X | Z DIODE | |
| D7006 | UDZS8.2B-X | Z DIODE | |
| D7007 | UDZS8.2B-X | Z DIODE | |
| D7008 | UDZS8.2B-X | Z DIODE | |
| D7009 | UDZS8.2B-X | Z DIODE | |
| D7201 | 1SS355-X | SI DIODE | |
| D7203 | 1SS355-X | SI DIODE | |
| D7501 | 1SS355-X | SI DIODE | |
| D7502 | 1SS355-X | SI DIODE | |
| D9201 | EC30HA04-X | SB DIODE | |
| D9203 | PTZ3.9B-X | Z DIODE | |
| D9204 | 1SS355-X | SI DIODE | |
| C0104 | NDC31HJ-390X | C CAPACITOR | 39pF 50V J |
| C0105 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J |
| C0107 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C0109 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C0110 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C0111 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J |
| C0112 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J |
| C0113 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C0114 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C0115 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C0116 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C0117 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J |
| C0118 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J |
| C0204 | NDC31HJ-390X | C CAPACITOR | 39pF 50V J |
| C0205 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J |
| C0206 | NDC31HJ-390X | C CAPACITOR | 39pF 50V J |
| C0207 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C0209 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C0210 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C0211 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J |
| C0212 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J |
| C0213 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C0214 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C0215 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C0217 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J |
| C0218 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J |
| C0304 | NDC31HJ-390X | C CAPACITOR | 39pF 50V J |
| C0305 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J |
| C0306 | NDC31HJ-390X | C CAPACITOR | 39pF 50V J |
| C0307 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C0309 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C0310 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C0311 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J |
| C0312 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J |
| C0313 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C0314 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C0315 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C0317 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J |
| C0318 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J |
| C0401 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C0519 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J |
| C1001 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1004 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1005 | NCB31HK-152X | C CAPACITOR | 1500pF 50V K |
| C1006 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1009 | NDC31HJ-220X | C CAPACITOR | 22pF 50V J |
| C1010 | NDC31HJ-180X | C CAPACITOR | 18pF 50V J |
| C1011 | NDC31HJ-102X | C CAPACITOR | 1000pF 50V J |
| C1012 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1013 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1014 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1015 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1016 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C1017 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1018 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1019 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1021 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1023 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1025 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1026 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1028 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1029 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1030 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1031 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1032 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| C1033 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1034 | NDC31HJ-390X | C CAPACITOR | 39pF 50V J |
| C1035 | NDC31HJ-680X | C CAPACITOR | 68pF 50V J |
| C1037 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K |
| C1038 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1039 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1040 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1041 | NCB10JK-106X | C CAPACITOR | 10uF 6.3V K |
| C1042 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K |
| C1043 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1045 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C1046 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1047 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1048 | NCB30JK-105X | C CAPACITOR | 1uF 6.3V K |
| C1049 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1050 | NCB30JK-105X | C CAPACITOR | 1uF 6.3V K |
| C1051 | NCB30JK-105X | C CAPACITOR | 1uF 6.3V K |
| C1061 | NDC31HJ-4R0X | C CAPACITOR | 4pF 50V J |
| C1062 | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M |
| C1063 | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K |
| C1064 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1065 | NCB30JK-105X | C CAPACITOR | 1uF 6.3V K |
| C1066 | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M |
| C1067 | NCB30JK-105X | C CAPACITOR | 1uF 6.3V K |
| C1068 | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M |
| C1069 | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K |
| C1071 | NBE20GM-106X | TA E CAPACITOR | 10uF 4V M |
| C1072 | NBE20GM-106X | TA E CAPACITOR | 10uF 4V M |
| C1073 | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M |
| C1074 | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M |
| C1075 | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M |
| C1076 | NBE20GM-106X | TA E CAPACITOR | 10uF 4V M |
| C1077 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M |
| C1081 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1082 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1083 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1084 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1085 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1086 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1087 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1102 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J |
| C1103 | NDC31HJ-680X | C CAPACITOR | 68pF 50V J |
| C1104 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J |
| C1105 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z |
| C1106 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C1107 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J |
| C1109 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J |
| C1111 | NRSA63J-681X | MG RESISTOR | 680Ω 1/16W J |
| C1202 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J |
| C1203 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J |
| C1204 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J |
| C1205 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z |
| C1206 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C1209 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J |
| C1302 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J |
| C1303 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J |
| C1304 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J |
| C1305 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z |
| C1306 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C1309 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J |
| C1311 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J |
| C1402 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J |
| C1403 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J |
| C1404 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J |
| C1405 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z |
| C1406 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C1409 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J |
| C1411 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J |
| C1502 | NCJ41EK-106X-U | C CAPACITOR | 10mF 25V K |
| C1508 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z |
| C1509 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1511 | NRSA63J-105X | MG RESISTOR | 1MΩ 1/16W J |
| C3004 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3006 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3008 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3009 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3010 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3016 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3018 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3019 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3021 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3022 | NBZ0007-107X | SP E CAPACITOR | 100uF 4V M |
| C3023 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3025 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C3026 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C3028 | NDC31HJ-221X | C CAPACITOR | 220pF 50V J |
| C3030 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3031 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3032 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3037 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| C3040 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3041 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J | |
| C3042 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3043 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J | |
| C3044 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3045 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3047 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3049 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3051 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K | |
| C3052 | NCB31AK-334X | C CAPACITOR | 0.33uF 10V K | |
| C3056 | NCB31AK-334X | C CAPACITOR | 0.33uF 10V K | |
| C3059 | NCB31HK-223X | C CAPACITOR | 0.022uF 50V K | |
| C3060 | NCB31HK-152X | C CAPACITOR | 1500pF 50V K | |
| C3063 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3065 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3066 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3067 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3068 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3069 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3070 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3071 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3072 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3074 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3076 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3097 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C3101 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C3105 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C3107 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C3109 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C3111 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3112 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C3127 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J | |
| C3128 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J | |
| C3129 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J | |
| C3191 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C3406 | NCB31HK-102X | C CAPACITOR | 1000pF 50V K | |
| C3501 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3503 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3506 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C3507 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3508 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3509 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C3511 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3515 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3516 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3517 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3518 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3519 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3524 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3527 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3530 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3531 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3532 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C3533 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C3535 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3539 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3540 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3542 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3543 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3548 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3549 | NBZ0007-107X | SP E CAPACITOR | 100uF 4V M | |
| C3550 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3551 | NBZ0007-107X | SP E CAPACITOR | 100uF 4V M | |
| C3552 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C4002 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C4003 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C4005 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C4006 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C4008 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C4009 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C4010 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C4011 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C4012 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C4013 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C4016 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C4020 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C4022 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C4023 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C4029 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J | |
| C4030 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J | |
| C4031 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C4901 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4902 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4906 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4907 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4908 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4909 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4910 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4913 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4914 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4915 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4916 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4917 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4919 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4920 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4921 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4922 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4923 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4925 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4926 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4931 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4932 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4933 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4934 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4935 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4936 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4937 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4938 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4939 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4940 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4941 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4942 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C6013 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6014 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6015 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6512 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6513 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6514 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6515 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6516 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6520 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6521 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6522 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6523 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C7001 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C7002 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C7003 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C7006 | NDC31HJ-150X | C CAPACITOR | 15pF 50V J | |
| C7007 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C7012 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C7013 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C7017 | NDC31HJ-391X | C CAPACITOR | 390pF 50V J | |
| C7018 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C7025 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C7201 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C7202 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C7203 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C7401 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C7402 | NDC31HJ-331X | C CAPACITOR | 330pF 50V J | |
| C7403 | NCB31HK-102X | C CAPACITOR | 1000pF 50V K | |
| C7501 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C7502 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C7503 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C7504 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C7505 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C7506 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C7507 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C7508 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C7509 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C7510 | NEHM1CM-106X | E CAPACITOR | 10uF 16V M | |
| C7511 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C7512 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C7513 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C7515 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C7516 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J | |
| C7517 | NDC31HJ-270X | C CAPACITOR | 27pF 50V J | |
| C7518 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| C7520 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C7522 | NEHM1CM-106X | E CAPACITOR | 10uF 16V M | |
| C7523 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M | |
| C7524 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M | |
| C7525 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C7526 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C7527 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C7528 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C7529 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C7530 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C7531 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M | |
| C7532 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C7533 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C7534 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C7535 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C7536 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J | |
| C7541 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C7542 | NEHL0GM-227X | E CAPACITOR | 220uF 4V M | |
| C7543 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C7544 | NEHL0JM-107X | E CAPACITOR | 100uF 6.3V M | |
| C7545 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C7546 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C7547 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| C7548 | NEHL0GM-227X | E CAPACITOR | 220uF 4V M |
| C7550 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C7552 | NCB31AK-105X | C CAPACITOR | 1uF 10V K |
| C7557 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C7616 | NCB11CK-105X | C CAPACITOR | 1uF 16V K |
| C9001 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M |
| C9002 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M |
| C9003 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M |
| C9202 | NCJ41HK-335X-U | C CAPACITOR | |
| C9203 | NCB31EK-393X | C CAPACITOR | 0.039uF 25V K |
| C9204 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C9205 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K |
| C9207 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K |
| C9209 | NELA1AM-157X | E CAPACITOR | 150uF 10V M |
| C9211 | NCB31HK-153X | C CAPACITOR | 0.015uF 50V K |
| C9212 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K |
| R0105 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R0106 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J |
| R0107 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J |
| R0109 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R0110 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R0114 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0116 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R0119 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J |
| R0121 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R0122 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R0125 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R0126 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R0127 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0128 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R0129 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R0131 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0132 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0133 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0134 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0137 | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J |
| R0138 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R0140 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J |
| R0141 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0205 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R0206 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J |
| R0207 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J |
| R0208 | NRSA63J-681X | MG RESISTOR | 680Ω 1/16W J |
| R0209 | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J |
| R0210 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R0211 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0214 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0216 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R0219 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J |
| R0221 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R0222 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R0225 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R0226 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0227 | NRSA63J-181X | MG RESISTOR | 180Ω 1/16W J |
| R0228 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R0229 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R0231 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0232 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0233 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0234 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0237 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J |
| R0238 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R0240 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J |
| R0241 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0242 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0243 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R0305 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R0306 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J |
| R0307 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J |
| R0308 | NRSA63J-681X | MG RESISTOR | 680Ω 1/16W J |
| R0309 | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J |
| R0310 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R0311 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0314 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0316 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R0319 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J |
| R0321 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R0322 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R0325 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R0326 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0327 | NRSA63J-181X | MG RESISTOR | 180Ω 1/16W J |
| R0328 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R0329 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R0331 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0332 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0333 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0334 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0337 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J |
| R0338 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R0340 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J |
| R0341 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0342 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0343 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R0344 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0345 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0501 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0502 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0504 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0506 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0507 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0508 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0516 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0517 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0518 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0519 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0520 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0522 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0523 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0524 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0526 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0527 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R1001 | NRSA63J-274X | MG RESISTOR | 270kΩ 1/16W J |
| R1002 | NRSA63D-101X | MG RESISTOR | 100Ω 1/16W D |
| R1004 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R1005 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1006 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1007 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1010 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J |
| R1011 | NQL093K-R10X | COIL | 0.1uH K |
| R1012 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J |
| R1013 | NRSA63J-122X | MG RESISTOR | 1.2kΩ 1/16W J |
| R1014 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1017 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1018 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J |
| R1019 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R1021 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1022 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1025 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1026 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1027 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1028 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1029 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1030 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1101 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J |
| R1102 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1104 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J |
| R1105 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J |
| R1106 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J |
| R1107 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J |
| R1108 | NRSA63J-681X | MG RESISTOR | 680Ω 1/16W J |
| R1113 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1114 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R1115 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R1201 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J |
| R1203 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1204 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J |
| R1205 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J |
| R1206 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J |
| R1207 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J |
| R1213 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1301 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J |
| R1303 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1304 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J |
| R1305 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J |
| R1306 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J |
| R1307 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J |
| R1313 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1401 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J |
| R1403 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1404 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J |
| R1405 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J |
| R1406 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J |
| R1407 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J |
| R1413 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1523 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| R1524 | NRSA63J-474X | MG RESISTOR | 470kΩ 1/16W J |
| R1525 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R1584 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R2152 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3001 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R3004 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R3006 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3007 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3008 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3009 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3012 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3013 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3014 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3015 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R3018 | NRSA02J-3R3X | MG RESISTOR | 3.3Ω 1/10W J | |
| R3019 | NRSA02J-3R3X | MG RESISTOR | 3.3Ω 1/10W J | |
| R3020 | NRSA02J-3R3X | MG RESISTOR | 3.3Ω 1/10W J | |
| R3021 | NRSA63D-102X | MG RESISTOR | 1kΩ 1/16W D | |
| R3022 | NRSA63D-332X | MG RESISTOR | 3.3kΩ 1/16W D | |
| R3023 | NRSA63D-332X | MG RESISTOR | 3.3kΩ 1/16W D | |
| R3024 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3028 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3029 | NRSA63D-392X | MG RESISTOR | 3.9kΩ 1/16W D | |
| R3030 | NRSA63D-102X | MG RESISTOR | 1kΩ 1/16W D | |
| R3031 | NRSA63D-151X | MG RESISTOR | 150Ω 1/16W D | |
| R3032 | NRSA63J-5R6X | MG RESISTOR | 5.6Ω 1/16W J | |
| R3033 | NRSA63J-5R6X | MG RESISTOR | 5.6Ω 1/16W J | |
| R3034 | NRSA63J-5R6X | MG RESISTOR | 5.6Ω 1/16W J | |
| R3036 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3037 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3038 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R3040 | NRSA63J-201X | MG RESISTOR | 200Ω 1/16W J | |
| R3041 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3042 | NRSA63J-201X | MG RESISTOR | 200Ω 1/16W J | |
| R3043 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R3044 | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J | |
| R3045 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3047 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R3048 | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J | |
| R3053 | NRSA63J-272X | MG RESISTOR | 2.7kΩ 1/16W J | |
| R3054 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3056 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3063 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R3064 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R3065 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R3066 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R3069 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3070 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3071 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3072 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3089 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3090 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3091 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3092 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3093 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3094 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3095 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3096 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3097 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3098 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3099 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3100 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3101 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3102 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3103 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3104 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3105 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3106 | NRS144J-0R0X | MG RESISTOR | 0Ω 1/4W J | |
| R3112 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3114 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3116 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3118 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3120 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3122 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3126 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3152 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3153 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3155 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3160 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3161 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3165 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3166 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3167 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3169 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R3170 | NRS144J-0R0X | MG RESISTOR | 0Ω 1/4W J | |
| R3171 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3181 | NRS144J-0R0X | MG RESISTOR | 0Ω 1/4W J | |
| R3193 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3207 | NRS144J-0R0X | MG RESISTOR | 0Ω 1/4W J | |
| R3502 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3503 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3505 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3507 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3509 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3511 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3514 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3516 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3518 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3520 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3522 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3524 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3525 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3527 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3529 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R3531 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3533 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3536 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3538 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3540 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3542 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3544 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R4004 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4005 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4006 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4007 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4008 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R4015 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4016 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4018 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4019 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4023 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R4024 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R4027 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4028 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4035 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4037 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4039 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4041 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4042 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4044 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4046 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4055 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4056 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R4057 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R4058 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R4059 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4060 | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J | |
| R4061 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4064 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4065 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4068 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R4101 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4102 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4103 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4104 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4105 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R4106 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R4109 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R4152 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6025 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6028 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6031 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6034 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6036 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6038 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6039 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6040 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6043 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6048 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6057 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6058 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6059 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6507 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6510 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6512 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6513 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6514 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6515 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6521 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6529 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R6531 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6532 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6533 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6534 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6536 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6538 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6540 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6541 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6542 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6543 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6544 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6550 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6551 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6552 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6553 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6554 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6558 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6564 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6565 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7001 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7002 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7003 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7004 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7005 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| R7006 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7007 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7008 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7010 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7011 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7014 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7015 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7016 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7017 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7018 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7019 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7021 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7023 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7024 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7029 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7035 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7037 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7039 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7041 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7042 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7043 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7048 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7049 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7057 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7058 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R7060 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R7061 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J |
| R7064 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7065 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7066 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7067 | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J |
| R7068 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7069 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7070 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7077 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7078 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7079 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7080 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7083 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7085 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7086 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7087 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7088 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7089 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7090 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7093 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7094 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7095 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7096 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7097 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7098 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R7099 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7100 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7101 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J |
| R7104 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7106 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7108 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7109 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7111 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7112 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7117 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7118 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7119 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7120 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7132 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7133 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7134 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R7135 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R7136 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7137 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7140 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R7144 | NCB30JK-105X | C CAPACITOR | 1uF 6.3V K |
| R7145 | NCB30JK-105X | C CAPACITOR | 1uF 6.3V K |
| R7146 | NCB30JK-105X | C CAPACITOR | 1uF 6.3V K |
| R7148 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7149 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7150 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7151 | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J |
| R7152 | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J |
| R7153 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7158 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7159 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7160 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7161 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7202 | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J |
| R7203 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R7204 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7205 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R7206 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7207 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7208 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R7209 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J |
| R7210 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7211 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7212 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R7213 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R7214 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7215 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J |
| R7216 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7219 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7222 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7224 | NRSA63J-683X | MG RESISTOR | 68kΩ 1/16W J |
| R7401 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7404 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7501 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7510 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R7511 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R7514 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R7515 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R7518 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R7553 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7556 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7557 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R7558 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7559 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7560 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R7561 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R7565 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7566 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R7567 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R7568 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R7569 | NRSA63J-390X | MG RESISTOR | 39Ω 1/16W J |
| R7576 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7588 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R7590 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7599 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7602 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7603 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7692 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7701 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R7702 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7703 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7704 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7705 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7706 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7707 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7708 | NRSA63J-820X | MG RESISTOR | 82Ω 1/16W J |
| R7709 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7710 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7711 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7712 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7713 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7714 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7715 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7716 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7717 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7718 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7719 | NRSA63J-184X | MG RESISTOR | 180kΩ 1/16W J |
| R7720 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R7725 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R7726 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R9201 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R9202 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J |
| R9204 | NRSA63D-272X | MG RESISTOR | 2.7kΩ 1/16W D |
| R9205 | NRSA63D-103X | MG RESISTOR | 10kΩ 1/16W D |
| R9206 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R9207 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J |
| R9208 | NRSA63J-105X | MG RESISTOR | 1MΩ 1/16W J |
| R9209 | NRSA63J-680X | MG RESISTOR | 68Ω 1/16W J |
| R9210 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| RA1001 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J |
| RA1002 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J |
| RA1003 | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J x4 |
| RA3002 | NRZ0034-103W | NET RESISTOR | 10kΩ 1/32W J x4 |
| RA3004 | NRZ0034-103W | NET RESISTOR | 10kΩ 1/32W J x4 |
| RA3013 | NRZ0034-220W | NET RESISTOR | 22Ω 1/32W J x4 |
| RA3014 | NRZ0034-220W | NET RESISTOR | 22Ω 1/32W J x4 |
| RA3015 | NRZ0034-220W | NET RESISTOR | 22Ω 1/32W J x4 |
| RA3016 | NRZ0034-220W | NET RESISTOR | 22Ω 1/32W J x4 |
| RA3018 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J |
| RA3020 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J |
| RA3022 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J |
| RA3023 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 |
| RA3024 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 |
| RA3025 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 |
| RA3026 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 |
| RA3028 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J |
| RA3030 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J |
| RA3032 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J |
| RA3502 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| RA3506 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3508 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3512 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3516 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3518 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3521 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3523 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3526 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3530 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3531 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3536 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3540 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3542 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3545 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3547 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA4007 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J x4 | |
| RA4008 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J x4 | |
| RA4009 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J x4 | |
| RA4010 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J x4 | |
| RA4011 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J x4 | |
| RA4012 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J x4 | |
| RA6515 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| RA7001 | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J x4 | |
| RA7007 | NRZ0040-0R0X | NET RESISTOR | 0Ω 1/16W J x4 | |
| RA7501 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA7502 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA7503 | NRZ0040-0R0X | NET RESISTOR | 0Ω 1/16W J x4 | |
| RA7504 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA7505 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| L0101 | NQL092K-R68X | P COIL | 0.68uH K | |
| L0102 | NQL092K-1R0X | P COIL | 1uH K | |
| L0201 | NQL092K-R68X | P COIL | 0.68uH K | |
| L0202 | NQL092K-1R0X | P COIL | 1uH K | |
| L0301 | NQL092K-R68X | P COIL | 0.68uH K | |
| L0302 | NQL092K-1R0X | P COIL | 1uH K | |
| L0401 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L1001 | NQR0489-002X | FERRITE BEADS | | |
| L1002 | NQR0489-002X | FERRITE BEADS | | |
| L1003 | NQL092K-1R5X | COIL | 1.5uH K | |
| L1004 | NQR0489-002X | FERRITE BEADS | | |
| L1005 | NQR0489-002X | FERRITE BEADS | | |
| L1006 | NQR0489-002X | FERRITE BEADS | | |
| L1008 | NQL79GM-220X | COIL | 22uH M | |
| L1010 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L1011 | NQL79GM-470X | COIL | 47uH M | |
| L1101 | NQL092K-6R8X | P COIL | 6.8uH K | |
| L1102 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L1103 | NQL093K-1R0X | P COIL | 1uH K | |
| L1104 | NQL093K-R10X | COIL | 0.1uH K | |
| L1201 | NQL092K-6R8X | P COIL | 6.8uH K | |
| L1203 | NQL092K-1R0X | P COIL | 1uH K | |
| L1301 | NQL092K-3R3X | COIL | 3.3uH K | |
| L1303 | NQL092K-1R0X | P COIL | 1uH K | |
| L1304 | NQL093K-R10X | COIL | 0.1uH K | |
| L1401 | NQL092K-3R3X | COIL | 3.3uH K | |
| L1403 | NQL092K-1R0X | P COIL | 1uH K | |
| L1404 | NQL093K-R10X | COIL | 0.1uH K | |
| L1501 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L1533 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L1534 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3005 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3006 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3008 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3009 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3010 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3011 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3012 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3013 | NQL093K-R10X | COIL | 0.1uH K | |
| L3014 | NQL093K-R10X | COIL | 0.1uH K | |
| L3015 | NQL093K-R10X | COIL | 0.1uH K | |
| L3501 | NQR0413-003X | FERRITE BEADS | | |
| L4001 | NQR0413-003X | FERRITE BEADS | | |
| L4002 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L4003 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L6501 | NQR0351-001X | FERRITE BEADS | | |
| L6502 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L6508 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| L6509 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| L6510 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| L7001 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| L7002 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| L7003 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| L7004 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| L7005 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| L7006 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| L7510 | NQL092K-4R7X | COIL | 4.7uH K | |
| L7512 | NQR0489-002X | FERRITE BEADS | | |
| L7513 | NQR0489-002X | FERRITE BEADS | | |
| L9001 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L9002 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L9201 | NQL71EM-150X | COIL | 15uH M | |
| CN001 | QGF0508F1-50X | CONNECTOR | FFC/FPC (1-50) | |
| CN002 | QGF0508F1-30X | CONNECTOR | FFC/FPC (1-30) | |
| J001 | NNZ0117-001 | HDMI CONNECTOR | DIGITAL IN | |
| K1001 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K1002 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K1003 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K1004 | NQR0489-002X | FERRITE BEADS | | |
| K1005 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K3003 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| K3006 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| K3009 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K3191 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K7002 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K7502 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| K7503 | NQR0389-003X | FERRITE BEADS | | |
| K9001 | NQR0413-003X | FERRITE BEADS | | |
| K9002 | NQR0413-003X | FERRITE BEADS | | |
| LC0102 | NQR0483-005X | EMI FILTER | 100uF 25V Z | |
| LC0519 | NQR0416-001X | EMI FILTER | 240pF 16V M | |
| LC0522 | NQR0470-007X | EMI FILTER | 2200pF 50V +50%-20% | |
| LC0524 | NQR0483-005X | EMI FILTER | 100uF 25V Z | |
| LC0527 | NQR0483-006X | EMI FILTER | | |
| LC6501 | NQR0479-001X | EMI FILTER | | |
| LC7004 | NQR0483-003X | EMI FILTER | | |
| LC7501 | NQR0483-006X | EMI FILTER | | |
| LC7502 | NQR0483-006X | EMI FILTER | | |
| SL7001 | NAX0613-001X | C RESONATOR | | |
| TP9001 | LC42312-001A | EARTH TERMINAL | | |
| TP9002 | LC42312-001A | EARTH TERMINAL | | |
| TP9003 | LC42312-001A | EARTH TERMINAL | | |
| X1001 | NAX0642-001X | CRYSTAL | | |
| X3001 | NAX0635-001X | CXO | | |
| X3003 | NAX0668-001X | CXO | | |
| X4001 | NAX0669-001X | C RESONATOR | | |
| X7501 | NAX0618-001X | CRYSTAL | | |

## RECEIVER P.W. BOARD ASS'Y (SFL0F204A-U2)

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| IC3204 | TPS852-W | PHOTO CONDUCTOR | | |
| IC3501 | MSP3415GQGB8V3M | IC | | |
| IC3503 | HA17558AF-X | IC | | |
| IC3504 | BA80BC0FP-X | IC | | |
| IC3505 | NJU26901E2-W | IC | | |
| IC3506 | MC74VHC1GT125TX | IC | | |
| IC3507 | SN74LVC1G125V-X | IC | | |
| IC3508 | SN74LVC1G125V-X | IC | | |
| IC3509 | SN74LVC1G125V-X | IC | | |
| IC3510 | R1141Q251B-X | IC | | |
| Q3001 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q3502 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q3503 | UN2213-X | DIGI TRANSISTOR | | |
| C3001 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | |
| C3002 | NEHL1HM-106X | E CAPACITOR | 10uF 50V M | |
| C3003 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3004 | NEX60JM-227X | E CAPACITOR | 220uF 6.3V M | |
| C3005 | NCB31HK-333X | C CAPACITOR | 0.033uF 50V K | |
| C3007 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z | |
| C3008 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C3009 | NEHL1HM-106X | E CAPACITOR | 10uF 50V M | |
| C3010 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C3011 | NEHL1HM-106X | E CAPACITOR | 10uF 50V M | |
| C3012 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C3014 | NEHL1HM-106X | E CAPACITOR | 10uF 50V M | |
| C3015 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C3213 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C3214 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C3215 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3501 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C3502 | NCB31CK-273X | C CAPACITOR | 0.027uF 16V K | |
| C3503 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C3504 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C3505 | NCB31CK-273X | C CAPACITOR | 0.027uF 16V K | |
| C3506 | NCB31CK-273X | C CAPACITOR | 0.027uF 16V K | |
| C3511 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C3512 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C3513 | NDC31HJ-2R0X | C CAPACITOR | 2pF 50V J | |
| C3514 | NDC31HJ-2R0X | C CAPACITOR | 2pF 50V J | |
| C3515 | NCB31CK-273X | C CAPACITOR | 0.027uF 16V K | |
| C3516 | NEHL1AM-107X | E CAPACITOR | 100uF 10V M | |
| C3517 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| C3518 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K |
| C3519 | NCB31CK-105X | C CAPACITOR | 1uF 16V K |
| C3520 | NDC31HJ-102X | C CAPACITOR | 1000pF 50V J |
| C3521 | NCB31CK-105X | C CAPACITOR | 1uF 16V K |
| C3522 | NDC31HJ-102X | C CAPACITOR | 1000pF 50V J |
| C3523 | NDC31HJ-102X | C CAPACITOR | 1000pF 50V J |
| C3524 | NDC31HJ-102X | C CAPACITOR | 1000pF 50V J |
| C3525 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M |
| C3526 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C3527 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3528 | NEHL1AM-107X | E CAPACITOR | 100uF 10V M |
| C3529 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M |
| C3530 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C3531 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3532 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z |
| C3533 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z |
| C3534 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z |
| C3535 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z |
| C3536 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C3537 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3544 | NCB31AK-105X | C CAPACITOR | 1uF 10V K |
| C3546 | NCB31AK-105X | C CAPACITOR | 1uF 10V K |
| C3551 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K |
| C3552 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K |
| C3553 | NCB31HK-822X | C CAPACITOR | 8200pF 50V K |
| C3554 | NCB31HK-822X | C CAPACITOR | 8200pF 50V K |
| C3555 | NCB31HK-223X | C CAPACITOR | 0.022uF 50V K |
| C3556 | NCB31HK-223X | C CAPACITOR | 0.022uF 50V K |
| C3559 | NEHL1AM-107X | E CAPACITOR | 100uF 10V M |
| C3560 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M |
| C3571 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C3572 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C3573 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C3574 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| R3002 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R3003 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R3006 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R3007 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R3008 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3009 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R3010 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R3011 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R3014 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3015 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3016 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R3019 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3031 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3032 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3033 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3034 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3035 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3036 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3037 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3038 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3039 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3040 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3041 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3043 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3111 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3112 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3120 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3219 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J |
| R3501 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R3508 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R3511 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3512 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3513 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3514 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R3515 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R3516 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R3517 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R3518 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3519 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3520 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R3521 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R3546 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3547 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3551 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J |
| R3552 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J |
| R3553 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J |
| R3554 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J |
| R3555 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J |
| R3556 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J |
| R3557 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R3558 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R3559 | NRSA63J-272X | MG RESISTOR | 2.7kΩ 1/16W J |
| R3560 | NRSA63J-272X | MG RESISTOR | 2.7kΩ 1/16W J |
| R3561 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R3562 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R3563 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R3564 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R3572 | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J |
| R3573 | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J |
| R3574 | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J |
| R3575 | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J |
| R3576 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R3577 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R3578 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R3579 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R3580 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R3581 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R3582 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R3583 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R3584 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R3585 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| L3001 | NQL79GM-220X | COIL | 22uH M |
| L3002 | NQL79GM-100X | COIL | 10uH M |
| L3003 | NQL79GM-220X | COIL | 22uH M |
| L3503 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J |
| L3504 | NQL79GM-4R7X | COIL | 4.7uH M |
| L3506 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J |
| L3507 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J |
| L3508 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J |
| L3509 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J |
| K3501 | NQR0389-003X | FERRITE BEADS | |
| K3502 | NQR0389-003X | FERRITE BEADS | |
| LC3501 | NQR0431-001X | EMI FILTER | 0.22uF 50V Z |
| ⚠TU3001 | QAU0428-002 | TUNER | |
| X3501 | QAX0773-001Z | CRYSTAL | 18.432000MHz |

## PANEL I/F P.W. BOARD ASS'Y (SFL0H001A-U2)

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| IC5001 | JCC5064 | IC | |
| IC5002 | K4S643232H-UC60 | IC | |
| IC5003 | K4S643232H-UC60 | IC | |
| IC5005 | S-80828CLNB-G-W | IC | |
| IC5101 | MP1593DN-X | IC | |
| IC5111 | MP1593DN-X | IC | |
| IC5121 | MP1593DN-X | IC | |
| IC5172 | NAX0637-001X | CXO | 74.1758MHz |
| IC5181 | THC63LVD103 | IC | |
| Q5001 | UN2213-X | DIGI TRANSISTOR | |
| D5101 | EC30HA04-X | SB DIODE | |
| D5103 | PTZ3.9B-X | Z DIODE | |
| D5111 | EC30HA04-X | SB DIODE | |
| D5113 | PTZ3.9B-X | Z DIODE | |
| D5121 | EC30HA04-X | SB DIODE | |
| D5122 | EC30HA04-X | SB DIODE | |
| D5123 | PTZ6.8B-X | Z DIODE | |
| C5001 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C5002 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C5003 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C5004 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C5005 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C5006 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C5007 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C5011 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C5013 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C5014 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C5015 | NCB31AK-105X | C CAPACITOR | 1uF 10V K |
| C5016 | NCB31HK-102X | C CAPACITOR | 1000pF 50V K |
| C5017 | NCB31HK-102X | C CAPACITOR | 1000pF 50V K |
| C5018 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C5019 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C5024 | NCB31AK-105X | C CAPACITOR | 1uF 10V K |
| C5027 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C5028 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C5029 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C5030 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C5031 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C5032 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C5033 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C5034 | NCB31HK-102X | C CAPACITOR | 1000pF 50V K |
| C5035 | NCB31HK-102X | C CAPACITOR | 1000pF 50V K |
| C5036 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C5037 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C5038 | NCB31AK-105X | C CAPACITOR | 1uF 10V K |
| C5039 | NCB31HK-102X | C CAPACITOR | 1000pF 50V K |
| C5041 | NCB31AK-105X | C CAPACITOR | 1uF 10V K |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| C5044 | NCB31HK-102X | C CAPACITOR | 1000pF 50V K |
| C5046 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C5047 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C5048 | NCB31HK-102X | C CAPACITOR | 1000pF 50V K |
| C5049 | NCB31HK-102X | C CAPACITOR | 1000pF 50V K |
| C5050 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C5051 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C5052 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C5054 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C5061 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C5062 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C5063 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C5064 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C5065 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C5066 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C5067 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C5068 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C5069 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C5070 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C5071 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C5072 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C5073 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C5074 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C5081 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C5082 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C5083 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C5084 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C5085 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C5086 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C5087 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C5088 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C5089 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C5090 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C5091 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C5092 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C5093 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C5094 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C5102 | NCJ41HK-335X-U | C CAPACITOR | |
| C5103 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C5105 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J |
| C5106 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K |
| C5107 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K |
| C5108 | NELA1AM-157X | E CAPACITOR | 150uF 10V M |
| C5112 | NCJ41HK-335X-U | C CAPACITOR | |
| C5113 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C5115 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J |
| C5116 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K |
| C5117 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K |
| C5118 | NELA1AM-157X | E CAPACITOR | 150uF 10V M |
| C5122 | NCJ41HK-335X-U | C CAPACITOR | |
| C5123 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C5125 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J |
| C5126 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C5127 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K |
| C5128 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K |
| C5172 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C5173 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C5181 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C5182 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C5183 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C5184 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C5185 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C5186 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K |
| C5187 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C5188 | NCB20JK-475X | C CAPACITOR | 4.7uF 6.3V K |
| C5189 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C5190 | NCB20JK-475X | C CAPACITOR | 4.7uF 6.3V K |
| R5001 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R5002 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R5005 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R5006 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R5007 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R5008 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R5009 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R5010 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R5012 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R5013 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R5016 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R5018 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R5020 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R5023 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R5024 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R5025 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R5033 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R5035 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R5037 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R5038 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R5039 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R5042 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| R5061 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R5063 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R5065 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R5066 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R5071 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R5073 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R5101 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J |
| R5103 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R5104 | NRSA63D-103X | MG RESISTOR | 10kΩ 1/16W D |
| R5105 | NRSA63D-103X | MG RESISTOR | 10kΩ 1/16W D |
| R5106 | NRSA63D-103X | MG RESISTOR | 10kΩ 1/16W D |
| R5107 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R5108 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R5111 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J |
| R5112 | NRSA63J-820X | MG RESISTOR | 82Ω 1/16W J |
| R5114 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R5115 | NRSA63D-203X | MG RESISTOR | 20kΩ 1/16W D |
| R5116 | NRSA63D-124X | MG RESISTOR | 120kΩ 1/16W D |
| R5117 | NRSA63D-103X | MG RESISTOR | 10kΩ 1/16W D |
| R5118 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R5119 | NRSA63J-681X | MG RESISTOR | 680Ω 1/16W J |
| R5121 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J |
| R5122 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J |
| R5123 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R5124 | NRSA63D-333X | MG RESISTOR | 33kΩ 1/16W D |
| R5125 | NRSA63J-684X | MG RESISTOR | 680kΩ 1/16W J |
| R5126 | NRSA63D-103X | MG RESISTOR | 10kΩ 1/16W D |
| R5127 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R5128 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R5173 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R5174 | NRSA63J-560X | MG RESISTOR | 56Ω 1/16W J |
| R5181 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R5182 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R5184 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R5186 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R5187 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R5188 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R5189 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| RA5001 | NQR0504-001X | EMI FILTER | |
| RA5002 | NQR0504-001X | EMI FILTER | |
| RA5003 | NQR0504-001X | EMI FILTER | |
| RA5182 | NQR0504-001X | EMI FILTER | |
| RA5183 | NQR0504-001X | EMI FILTER | |
| RA5184 | NQR0504-001X | EMI FILTER | |
| RA5185 | NRZ0080-0R0X | NET RESISTOR | 0Ω 1/16W J |
| RA5186 | NRZ0040-0R0X | NET RESISTOR | 0Ω 1/16W J x4 |
| RA5187 | NRZ0080-0R0X | NET RESISTOR | 0Ω 1/16W J |
| RA5188 | NRZ0080-0R0X | NET RESISTOR | 0Ω 1/16W J |
| L5101 | NQLC8CM-150X | COIL | 15uH M |
| L5102 | NQLC8CM-150X | COIL | 15uH M |
| L5103 | NQLC8CM-150X | COIL | 15uH M |
| L5104 | NQR0562-001X | CHOKE COIL | |
| K5001 | NQR0489-002X | FERRITE BEADS | |
| K5002 | NQR0489-002X | FERRITE BEADS | |
| K5003 | NQR0489-002X | FERRITE BEADS | |
| K5004 | NQR0489-002X | FERRITE BEADS | |
| K5005 | NQR0489-002X | FERRITE BEADS | |
| K5006 | NQR0489-002X | FERRITE BEADS | |
| K5007 | NQR0489-002X | FERRITE BEADS | |
| K5008 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J |
| K5009 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J |
| K5010 | NQR0489-002X | FERRITE BEADS | |
| K5011 | NQR0489-002X | FERRITE BEADS | |
| K5013 | NQR0489-002X | FERRITE BEADS | |
| K5061 | NQR0489-002X | FERRITE BEADS | |
| K5062 | NQR0489-002X | FERRITE BEADS | |
| K5101 | NQR0489-002X | FERRITE BEADS | |
| K5102 | NQR0489-002X | FERRITE BEADS | |
| K5103 | NQR0489-002X | FERRITE BEADS | |
| K5104 | NQR0489-002X | FERRITE BEADS | |
| K5172 | NQR0489-002X | FERRITE BEADS | |
| K5181 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J |
| K5182 | NQR0489-002X | FERRITE BEADS | |
| K5183 | NQR0489-002X | FERRITE BEADS | |
| K5184 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J |
| K5185 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J |

# PRINTED WIRING BOARD PARTS LIST
# [LT-37M60BU/P, LT-37M60ZU/P]

### ANALOG SIGNAL P.W. BOARD ASS'Y (SFL-1116A-U2)

REFER TO PARTS LIST IN PAGE 3-8 FOR THIS P.W. BOARD.

### CONNECTOR P.W. BOARD ASS'Y (SFL-4114A-U2)

REFER TO PARTS LIST IN PAGE 3-12 FOR THIS P.W. BOARD.

### FRONT CONTROL P.W. BOARD ASS'Y (SFL-7111A-U2)

REFER TO PARTS LIST IN PAGE 3-13 FOR THIS P.W. BOARD.

### FRONT LED P.W. BOARD ASS'Y (SFL-8133A-U2)

REFER TO PARTS LIST IN PAGE 3-13 FOR THIS P.W. BOARD.

### CARD P.W. BOARD ASS'Y (SFL-8512A-U2)

REFER TO PARTS LIST IN PAGE 3-13 FOR THIS P.W. BOARD.

### POWER P.W. BOARD ASS'Y (SFL-9039A-U2)

REFER TO PARTS LIST IN PAGE 3-15 FOR THIS P.W. BOARD.

### REGULATOR P.W. BOARD ASS'Y (SFL-9138A-U2)

REFER TO PARTS LIST IN PAGE 3-17 FOR THIS P.W. BOARD.

### DIGITAL SIGNAL P.W. BOARD ASS'Y (LCA10557-67A) (SFL-0D234A)

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| IC0401 | SN74AHCT1G32V-X | IC | |
| IC1001 | TC90A92AFG | IC | |
| IC1002 | MM1572FN-X | IC | |
| IC1003 | R1141Q151D-X | IC | |
| IC1005 | ML87V2105TBZ03A | IC | |
| IC1502 | NJM2235V-X | IC | |
| IC3001 | JCC5055A | IC | |
| IC3004 | TC7MB3257FK-X | IC | |
| IC3005 | SN74LVC1G08V-X | IC | |
| IC3006 | SN74LVC2G126T-X | IC | |
| IC3007 | SN74LVC3G17U-X | IC | |
| IC3008 | R1170H331B-X | IC | |
| IC3191 | SN74LVC3G17U-X | IC | |
| IC3403 | S-80928CLNB-G-W | IC | |
| IC3501 | EDD1232AAFA-7A | IC | |
| IC3502 | EDD1232AAFA-7A | IC | |
| IC3503 | LP2996MR-X | IC | |
| IC4001 | JCC5057 | IC | |
| IC4003 | AT29LE-37M60BU | IC(MICRO C ROM) | (SERVICE) |
| IC4004 | ATF256-37M60BU | IC | (SERVICE) |
| IC6502 | THC63LVDM83R-W | IC | |
| IC7001 | MN102H60KLG | IC(MCU) | |
| IC7002 | ATF512-37M60BU | IC(MICRO C ROM) | (SERVICE) |
| IC7003 | SN74LVC2G241T-X | IC | |
| IC7401 | S-80928CLNB-G-W | IC | |
| IC7501 | SDA6000-B12 | IC | |
| IC7502 | S-80828CNNB-G-W | IC | |
| IC7503 | K4S641632H-UC75 | IC | |
| IC7504 | MBV160-37M60BU | IC | (SERVICE) |
| IC7505 | PQ2L3252MS-X | IC | |
| IC7506 | CD74HC4053PW-X | IC | |
| IC7602 | ATF32-37M60BU | IC | (SERVICE) |
| IC9201 | MP1593DN-X | IC | |
| Q0101 | 2SC3837K/NP/-X | TRANSISTOR | |
| Q0102 | 2SA1022/BC/-X | TRANSISTOR | |
| Q0104 | 2SA1022/BC/-X | TRANSISTOR | |
| Q0105 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q0107 | 2SA1530A/QR/-X | TRANSISTOR | |
| Q0108 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q0109 | HN1C01F/Y/-X | PAIR TRANSISTOR | |
| Q0110 | HN1C01F/Y/-X | PAIR TRANSISTOR | |
| Q0201 | 2SC3837K/NP/-X | TRANSISTOR | |
| Q0202 | 2SA1022/BC/-X | TRANSISTOR | |
| Q0203 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q0204 | 2SA1022/BC/-X | TRANSISTOR | |
| Q0205 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q0206 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q0207 | 2SA1530A/QR/-X | TRANSISTOR | |
| Q0208 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q0209 | HN1C01F/Y/-X | PAIR TRANSISTOR | |
| Q0210 | HN1C01F/Y/-X | PAIR TRANSISTOR | |
| Q0301 | 2SC3837K/NP/-X | TRANSISTOR | |
| Q0302 | 2SA1022/BC/-X | TRANSISTOR | |
| Q0303 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q0304 | 2SA1022/BC/-X | TRANSISTOR | |
| Q0305 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q0306 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q0307 | 2SA1530A/QR/-X | TRANSISTOR | |
| Q0308 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q0309 | HN1C01F/Y/-X | PAIR TRANSISTOR | |
| Q0310 | HN1C01F/Y/-X | PAIR TRANSISTOR | |
| Q0311 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q1001 | UN2213-X | DIGI TRANSISTOR | |
| Q1003 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q1004 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q1005 | 2SK1228-X | MOS FET | |
| Q1006 | 2SK1228-X | MOS FET | |
| Q1101 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q1103 | 2SA1530A/QR/-X | TRANSISTOR | |
| Q1201 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q1203 | 2SA1530A/QR/-X | TRANSISTOR | |
| Q1301 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q1303 | 2SA1530A/QR/-X | TRANSISTOR | |
| Q1401 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q1403 | 2SA1530A/QR/-X | TRANSISTOR | |
| Q3001 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q3002 | 2SA1530A/QR/-X | TRANSISTOR | |
| Q3003 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q3004 | 2SA1530A/QR/-X | TRANSISTOR | |
| Q4001 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q6501 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q7201 | 2SA1530A/QR/-X | TRANSISTOR | |
| Q7202 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q7203 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q7204 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q7205 | 2SC3928A/QR/-X | TRANSISTOR | |
| Q7206 | UN2213-X | DIGI TRANSISTOR | |
| Q7207 | UN2113-X | TRANSISTOR | |
| Q7208 | UN2113-X | TRANSISTOR | |
| Q7209 | UN2113-X | TRANSISTOR | |
| Q7501 | 2SA1162/YG/-X | TRANSISTOR | |
| Q7508 | DTC114EKA-X | DIGI TRANSISTOR | |
| D1001 | EC30HA03L-X | SB DIODE | |
| D1002 | EC30HA03L-X | SB DIODE | |
| D2103 | 1SS355-X | SI DIODE | |
| D7001 | 1SS355-X | SI DIODE | |
| D7003 | RB501V-40-X | SB DIODE | |
| D7005 | UDZS8.2B-X | Z DIODE | |
| D7006 | UDZS8.2B-X | Z DIODE | |
| D7007 | UDZS8.2B-X | Z DIODE | |
| D7008 | UDZS8.2B-X | Z DIODE | |
| D7009 | UDZS8.2B-X | Z DIODE | |
| D7201 | 1SS355-X | SI DIODE | |
| D7203 | 1SS355-X | SI DIODE | |
| D7501 | 1SS355-X | SI DIODE | |
| D7502 | 1SS355-X | SI DIODE | |
| D9201 | EC30HA04-X | SB DIODE | |
| D9203 | PTZ3.9B-X | Z DIODE | |
| D9204 | 1SS355-X | SI DIODE | |
| C0104 | NDC31HJ-390X | C CAPACITOR | 39pF 50V J |
| C0105 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J |
| C0107 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C0109 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C0110 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C0111 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J |
| C0112 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J |
| C0113 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| C0114 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C0115 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C0116 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C0117 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J |
| C0118 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J |
| C0204 | NDC31HJ-390X | C CAPACITOR | 39pF 50V J |
| C0205 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J |
| C0206 | NDC31HJ-390X | C CAPACITOR | 39pF 50V J |
| C0207 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C0209 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C0210 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C0211 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J |
| C0212 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J |
| C0213 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C0214 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C0215 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C0217 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J |
| C0218 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J |
| C0304 | NDC31HJ-390X | C CAPACITOR | 39pF 50V J |
| C0305 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J |
| C0306 | NDC31HJ-390X | C CAPACITOR | 39pF 50V J |
| C0307 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C0309 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C0310 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C0311 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J |
| C0312 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J |
| C0313 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C0314 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C0315 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C0317 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J |
| C0318 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J |
| C0401 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C0519 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J |
| C1001 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1004 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1005 | NCB31HK-152X | C CAPACITOR | 1500pF 50V K |
| C1006 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1009 | NDC31HJ-220X | C CAPACITOR | 22pF 50V J |
| C1010 | NDC31HJ-180X | C CAPACITOR | 18pF 50V J |
| C1011 | NDC31HJ-102X | C CAPACITOR | 1000pF 50V J |
| C1012 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1013 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1014 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1015 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1016 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C1017 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1018 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1019 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1021 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1023 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1025 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1026 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1028 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1029 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1030 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1031 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1032 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1033 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1034 | NDC31HJ-390X | C CAPACITOR | 39pF 50V J |
| C1035 | NDC31HJ-680X | C CAPACITOR | 68pF 50V J |
| C1037 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K |
| C1038 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1039 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1040 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1041 | NCB10JK-106X | C CAPACITOR | 10uF 6.3V K |
| C1042 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K |
| C1043 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1045 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C1046 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1047 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1048 | NCB30JK-105X | C CAPACITOR | 1uF 6.3V K |
| C1049 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1050 | NCB30JK-105X | C CAPACITOR | 1uF 6.3V K |
| C1051 | NCB30JK-105X | C CAPACITOR | 1uF 6.3V K |
| C1061 | NDC31HJ-4R0X | C CAPACITOR | 4pF 50V J |
| C1062 | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M |
| C1063 | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K |
| C1064 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1065 | NCB30JK-105X | C CAPACITOR | 1uF 6.3V K |
| C1066 | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M |
| C1067 | NCB30JK-105X | C CAPACITOR | 1uF 6.3V K |
| C1068 | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M |
| C1069 | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K |
| C1071 | NBE20GM-106X | TA E CAPACITOR | 10uF 4V M |
| C1072 | NBE20GM-106X | TA E CAPACITOR | 10uF 4V M |
| C1073 | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M |
| C1074 | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M |
| C1075 | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M |
| C1076 | NBE20GM-106X | TA E CAPACITOR | 10uF 4V M |
| C1077 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| C1081 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1082 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1083 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1084 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1085 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1086 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1087 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1102 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J |
| C1103 | NDC31HJ-680X | C CAPACITOR | 68pF 50V J |
| C1104 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J |
| C1105 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z |
| C1106 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C1107 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J |
| C1109 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J |
| C1111 | NRSA63J-681X | MG RESISTOR | 680Ω 1/16W J |
| C1202 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J |
| C1203 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J |
| C1204 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J |
| C1205 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z |
| C1206 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C1209 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J |
| C1302 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J |
| C1303 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J |
| C1304 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J |
| C1305 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z |
| C1306 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C1309 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J |
| C1311 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J |
| C1402 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J |
| C1403 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J |
| C1404 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J |
| C1405 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z |
| C1406 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C1409 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J |
| C1411 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J |
| C1502 | NCJ41EK-106X-U | C CAPACITOR | 10mF 25V K |
| C1508 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z |
| C1509 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C1511 | NRSA63J-105X | MG RESISTOR | 1MΩ 1/16W J |
| C3004 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3006 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3008 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3009 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3010 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3016 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3018 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3019 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3021 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3022 | NBZ0007-107X | SP E CAPACITOR | 100uF 4V M |
| C3023 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3025 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C3026 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C3028 | NDC31HJ-221X | C CAPACITOR | 220pF 50V J |
| C3030 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3031 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3032 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3037 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3040 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3041 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J |
| C3042 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3043 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J |
| C3044 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3045 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3047 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3049 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3051 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K |
| C3052 | NCB31AK-334X | C CAPACITOR | 0.33uF 10V K |
| C3056 | NCB31AK-334X | C CAPACITOR | 0.33uF 10V K |
| C3059 | NCB31HK-223X | C CAPACITOR | 0.022uF 50V K |
| C3060 | NCB31HK-152X | C CAPACITOR | 1500pF 50V K |
| C3063 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3065 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3066 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3067 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3068 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3069 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3070 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3071 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3072 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3074 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3076 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3097 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K |
| C3101 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K |
| C3105 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K |
| C3107 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C3109 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C3111 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3112 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C3127 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J |
| C3128 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| C3129 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J |
| C3191 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C3406 | NCB31HK-102X | C CAPACITOR | 1000pF 50V K |
| C3501 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z |
| C3503 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z |
| C3506 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K |
| C3507 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z |
| C3508 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z |
| C3509 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K |
| C3511 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z |
| C3515 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3516 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z |
| C3517 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z |
| C3518 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3519 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3524 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3527 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z |
| C3530 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3531 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3532 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K |
| C3533 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K |
| C3535 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z |
| C3539 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z |
| C3540 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z |
| C3542 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z |
| C3543 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3548 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3549 | NBZ0007-107X | SP E CAPACITOR | 100uF 4V M |
| C3550 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C3551 | NBZ0007-107X | SP E CAPACITOR | 100uF 4V M |
| C3552 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C4002 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C4003 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C4005 | NCB31AK-105X | C CAPACITOR | 1uF 10V K |
| C4006 | NCB31AK-105X | C CAPACITOR | 1uF 10V K |
| C4008 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z |
| C4009 | NCB31AK-105X | C CAPACITOR | 1uF 10V K |
| C4010 | NCB31AK-105X | C CAPACITOR | 1uF 10V K |
| C4011 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z |
| C4012 | NCB31AK-105X | C CAPACITOR | 1uF 10V K |
| C4013 | NCB31AK-105X | C CAPACITOR | 1uF 10V K |
| C4016 | NCB31AK-105X | C CAPACITOR | 1uF 10V K |
| C4020 | NCB31AK-105X | C CAPACITOR | 1uF 10V K |
| C4022 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C4023 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C4029 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J |
| C4030 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J |
| C4031 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C4901 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C4902 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C4906 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C4907 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C4908 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C4909 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C4910 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C4913 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C4914 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C4915 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C4916 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C4917 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C4919 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C4920 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C4921 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C4922 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C4923 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C4925 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C4926 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C4931 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C4932 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C4933 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C4934 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C4935 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C4936 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C4937 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C4938 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C4939 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C4940 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C4941 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C4942 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C6013 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C6014 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C6015 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C6512 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C6513 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C6514 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C6515 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C6516 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C6520 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C6521 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C6522 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| C6523 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C7001 | NCB31AK-105X | C CAPACITOR | 1uF 10V K |
| C7002 | NCB31AK-105X | C CAPACITOR | 1uF 10V K |
| C7003 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z |
| C7006 | NDC31HJ-150X | C CAPACITOR | 15pF 50V J |
| C7007 | NCB31AK-105X | C CAPACITOR | 1uF 10V K |
| C7012 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C7013 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C7017 | NDC31HJ-391X | C CAPACITOR | 390pF 50V J |
| C7018 | NCB31AK-105X | C CAPACITOR | 1uF 10V K |
| C7025 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C7201 | NCB31AK-105X | C CAPACITOR | 1uF 10V K |
| C7202 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C7203 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C7401 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C7402 | NDC31HJ-331X | C CAPACITOR | 330pF 50V J |
| C7403 | NCB31HK-102X | C CAPACITOR | 1000pF 50V K |
| C7501 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C7502 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C7503 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C7504 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C7505 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C7506 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C7507 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C7508 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C7509 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C7510 | NEHM1CM-106X | E CAPACITOR | 10uF 16V M |
| C7511 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C7512 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C7513 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C7515 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C7516 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J |
| C7517 | NDC31HJ-270X | C CAPACITOR | 27pF 50V J |
| C7518 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| C7520 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C7522 | NEHM1CM-106X | E CAPACITOR | 10uF 16V M |
| C7523 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M |
| C7524 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M |
| C7525 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C7526 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C7527 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C7528 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C7529 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C7530 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C7531 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M |
| C7532 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C7533 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C7534 | NCB11AK-106X | C CAPACITOR | 10uF 10V K |
| C7535 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C7536 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J |
| C7541 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C7542 | NEHL0GM-227X | E CAPACITOR | 220uF 4V M |
| C7543 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K |
| C7544 | NEHL0JM-107X | E CAPACITOR | 100uF 6.3V M |
| C7545 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K |
| C7546 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z |
| C7547 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K |
| C7548 | NEHL0GM-227X | E CAPACITOR | 220uF 4V M |
| C7550 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C7552 | NCB31AK-105X | C CAPACITOR | 1uF 10V K |
| C7557 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| C7616 | NCB11CK-105X | C CAPACITOR | 1uF 16V K |
| C9001 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M |
| C9002 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M |
| C9003 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M |
| C9202 | NCJ41HK-335X-U | C CAPACITOR | |
| C9203 | NCB31EK-393X | C CAPACITOR | 0.039uF 25V K |
| C9204 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |
| C9205 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K |
| C9207 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K |
| C9209 | NELA1AM-157X | E CAPACITOR | 150uF 10V M |
| C9211 | NCB31HK-153X | C CAPACITOR | 0.015uF 50V K |
| C9212 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K |
| | | | |
| R0105 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R0106 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J |
| R0107 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J |
| R0109 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R0110 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R0114 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0116 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R0119 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J |
| R0121 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R0122 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R0125 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R0126 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R0127 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0128 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R0129 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R0131 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| R0132 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0133 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0134 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0137 | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J |
| R0138 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R0140 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J |
| R0141 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0205 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R0206 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J |
| R0207 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J |
| R0208 | NRSA63J-681X | MG RESISTOR | 680Ω 1/16W J |
| R0209 | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J |
| R0210 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R0211 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0214 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0216 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R0219 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J |
| R0221 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R0222 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R0225 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R0226 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0227 | NRSA63J-181X | MG RESISTOR | 180Ω 1/16W J |
| R0228 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R0229 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R0231 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0232 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0233 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0234 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0237 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J |
| R0238 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R0240 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J |
| R0241 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0242 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0243 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R0305 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R0306 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J |
| R0307 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J |
| R0308 | NRSA63J-681X | MG RESISTOR | 680Ω 1/16W J |
| R0309 | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J |
| R0310 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R0311 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0314 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0316 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R0319 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J |
| R0321 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R0322 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R0325 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R0326 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0327 | NRSA63J-181X | MG RESISTOR | 180Ω 1/16W J |
| R0328 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R0329 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R0331 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0332 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0333 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0334 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0337 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J |
| R0338 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R0340 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J |
| R0341 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0342 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0343 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R0344 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0345 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R0501 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0502 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0504 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0506 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0507 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0508 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0516 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0517 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0518 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0519 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0520 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0522 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0523 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0524 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0526 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R0527 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R1001 | NRSA63J-274X | MG RESISTOR | 270kΩ 1/16W J |
| R1002 | NRSA63D-101X | MG RESISTOR | 100Ω 1/16W D |
| R1004 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R1005 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1006 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1007 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1010 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J |
| R1011 | NQL093K-R10X | P COIL | 0.1uH K |
| R1012 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J |
| R1013 | NRSA63J-122X | MG RESISTOR | 1.2kΩ 1/16W J |
| R1014 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1017 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1018 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J |
| R1019 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R1021 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1022 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1025 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1026 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1027 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1028 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1029 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1030 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R1101 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J |
| R1102 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1104 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J |
| R1105 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J |
| R1106 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J |
| R1107 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J |
| R1108 | NRSA63J-681X | MG RESISTOR | 680Ω 1/16W J |
| R1113 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1114 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R1115 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R1201 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J |
| R1203 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1204 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J |
| R1205 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J |
| R1206 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J |
| R1207 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J |
| R1213 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1301 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J |
| R1303 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1304 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J |
| R1305 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J |
| R1306 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J |
| R1307 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J |
| R1313 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1401 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J |
| R1403 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R1404 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J |
| R1405 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J |
| R1406 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J |
| R1407 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J |
| R1413 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J |
| R1523 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K |
| R1524 | NRSA63J-474X | MG RESISTOR | 470kΩ 1/16W J |
| R1525 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R1584 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R2152 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3001 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R3004 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R3006 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3007 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3008 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3009 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3012 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3013 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3014 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3015 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3018 | NRSA02J-3R3X | MG RESISTOR | 3.3Ω 1/10W J |
| R3019 | NRSA02J-3R3X | MG RESISTOR | 3.3Ω 1/10W J |
| R3020 | NRSA02J-3R3X | MG RESISTOR | 3.3Ω 1/10W J |
| R3021 | NRSA63D-102X | MG RESISTOR | 1kΩ 1/16W D |
| R3022 | NRSA63D-332X | MG RESISTOR | 3.3kΩ 1/16W D |
| R3023 | NRSA63D-332X | MG RESISTOR | 3.3kΩ 1/16W D |
| R3024 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R3028 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R3029 | NRSA63D-392X | MG RESISTOR | 3.9kΩ 1/16W D |
| R3030 | NRSA63D-102X | MG RESISTOR | 1kΩ 1/16W D |
| R3031 | NRSA63D-151X | MG RESISTOR | 150Ω 1/16W D |
| R3032 | NRSA63J-5R6X | MG RESISTOR | 5.6Ω 1/16W J |
| R3033 | NRSA63J-5R6X | MG RESISTOR | 5.6Ω 1/16W J |
| R3034 | NRSA63J-5R6X | MG RESISTOR | 5.6Ω 1/16W J |
| R3036 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R3037 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J |
| R3038 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R3040 | NRSA63J-201X | MG RESISTOR | 200Ω 1/16W J |
| R3041 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R3042 | NRSA63J-201X | MG RESISTOR | 200Ω 1/16W J |
| R3043 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J |
| R3044 | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J |
| R3045 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J |
| R3047 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J |
| R3048 | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J |
| R3053 | NRSA63J-272X | MG RESISTOR | 2.7kΩ 1/16W J |
| R3054 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3056 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3063 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R3064 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R3065 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R3066 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R3069 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| R3070 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3071 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3072 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3089 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J |
| R3090 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J |
| R3091 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J |
| R3092 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J |
| R3093 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J |
| R3094 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R3095 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R3096 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R3097 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R3098 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R3099 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R3100 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R3101 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R3102 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R3103 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R3104 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R3105 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R3106 | NRS144J-0R0X | MG RESISTOR | 0Ω 1/4W J |
| R3112 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J |
| R3114 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3116 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3118 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3120 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J |
| R3122 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J |
| R3126 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3152 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3153 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3155 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3160 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3161 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3165 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3166 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3167 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3169 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J |
| R3170 | NRS144J-0R0X | MG RESISTOR | 0Ω 1/4W J |
| R3171 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3181 | NRS144J-0R0X | MG RESISTOR | 0Ω 1/4W J |
| R3193 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R3207 | NRS144J-0R0X | MG RESISTOR | 0Ω 1/4W J |
| R3502 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R3503 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R3505 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R3507 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R3509 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R3511 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R3514 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R3516 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R3518 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R3520 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R3522 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R3524 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R3525 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R3527 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R3529 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R3531 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R3533 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R3536 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R3538 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R3540 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R3542 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R3544 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J |
| R4004 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R4005 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R4006 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R4007 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R4008 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R4015 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R4016 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R4018 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R4019 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R4023 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R4024 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R4027 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R4028 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R4035 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R4037 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R4039 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R4041 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R4042 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R4044 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R4046 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R4055 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R4056 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R4057 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R4058 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R4059 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R4060 | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J |
| R4061 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R4064 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R4065 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R4068 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R4101 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R4102 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R4103 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R4104 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R4105 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R4106 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R4109 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R4152 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R6025 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R6028 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R6031 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R6034 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R6036 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R6038 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R6039 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R6040 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R6043 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R6048 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R6057 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R6058 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R6059 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R6507 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R6510 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R6512 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R6513 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R6514 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R6515 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R6521 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R6529 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R6531 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R6532 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R6533 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R6534 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R6536 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R6538 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R6540 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R6541 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R6542 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R6543 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R6544 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R6550 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R6551 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R6552 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R6553 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R6554 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R6558 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R6564 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R6565 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7001 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7002 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7003 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7004 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7005 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7006 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7007 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7008 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7010 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7011 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7014 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7015 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7016 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7017 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7018 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7019 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7021 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7023 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7024 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7029 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7035 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7037 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7039 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7041 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7042 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7043 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7048 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7049 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7057 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7058 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R7060 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R7061 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J |
| R7064 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7065 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7066 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7067 | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J |
| R7068 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7069 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |

| ⚠Ref No. | Part No. | Part Name | Description Local |
|---|---|---|---|
| R7070 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7077 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7078 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7079 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7080 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7083 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7085 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7086 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7087 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7088 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7089 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7090 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7093 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7094 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7095 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7096 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7097 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7098 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R7099 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7100 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7101 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J |
| R7104 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7106 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7108 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7109 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7111 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7112 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7117 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7118 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7119 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7120 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7132 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7133 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7134 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R7135 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R7136 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7137 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7140 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R7144 | NCB30JK-105X | C CAPACITOR | 1uF 6.3V K |
| R7145 | NCB30JK-105X | C CAPACITOR | 1uF 6.3V K |
| R7146 | NCB30JK-105X | C CAPACITOR | 1uF 6.3V K |
| R7148 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7149 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7150 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7151 | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J |
| R7152 | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J |
| R7153 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7158 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7159 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7160 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7161 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7202 | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J |
| R7203 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R7204 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7205 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R7206 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7207 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7208 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R7209 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J |
| R7210 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7211 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7212 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R7213 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J |
| R7214 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7215 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J |
| R7216 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7219 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7222 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7224 | NRSA63J-683X | MG RESISTOR | 68kΩ 1/16W J |
| R7401 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7404 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7501 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7510 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R7511 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R7514 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R7515 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R7518 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R7553 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7556 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7557 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R7558 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7559 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7560 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R7561 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R7565 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| R7566 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R7567 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R7568 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R7569 | NRSA63J-390X | MG RESISTOR | 39Ω 1/16W J |
| R7576 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7588 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J |
| R7590 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7599 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7602 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7603 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7692 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7701 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R7702 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7703 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7704 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7705 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7706 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7707 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7708 | NRSA63J-820X | MG RESISTOR | 82Ω 1/16W J |
| R7709 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7710 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7711 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7712 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J |
| R7713 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7714 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7715 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7716 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7717 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7718 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J |
| R7719 | NRSA63J-184X | MG RESISTOR | 180kΩ 1/16W J |
| R7720 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R7725 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R7726 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R9201 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J |
| R9202 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J |
| R9204 | NRSA63D-272X | MG RESISTOR | 2.7kΩ 1/16W D |
| R9205 | NRSA63D-103X | MG RESISTOR | 10kΩ 1/16W D |
| R9206 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |
| R9207 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J |
| R9208 | NRSA63J-105X | MG RESISTOR | 1MΩ 1/16W J |
| R9209 | NRSA63J-680X | MG RESISTOR | 68Ω 1/16W J |
| R9210 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J |
| RA1001 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J |
| RA1002 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J |
| RA1003 | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J x4 |
| RA3002 | NRZ0034-103W | NET RESISTOR | 10kΩ 1/32W J x4 |
| RA3004 | NRZ0034-103W | NET RESISTOR | 10kΩ 1/32W J x4 |
| RA3013 | NRZ0034-220W | NET RESISTOR | 22Ω 1/32W J x4 |
| RA3014 | NRZ0034-220W | NET RESISTOR | 22Ω 1/32W J x4 |
| RA3015 | NRZ0034-220W | NET RESISTOR | 22Ω 1/32W J x4 |
| RA3016 | NRZ0034-220W | NET RESISTOR | 22Ω 1/32W J x4 |
| RA3018 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J |
| RA3020 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J |
| RA3022 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J |
| RA3023 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 |
| RA3024 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 |
| RA3025 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 |
| RA3026 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 |
| RA3028 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J |
| RA3030 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J |
| RA3032 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J |
| RA3502 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J |
| RA3506 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 |
| RA3508 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J |
| RA3512 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J |
| RA3516 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 |
| RA3518 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 |
| RA3521 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J |
| RA3523 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 |
| RA3526 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J |
| RA3530 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 |
| RA3531 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J |
| RA3536 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J |
| RA3540 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 |
| RA3542 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 |
| RA3545 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J |
| RA3547 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 |
| RA4007 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J x4 |
| RA4008 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J x4 |
| RA4009 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J x4 |
| RA4010 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J x4 |
| RA4011 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J x4 |
| RA4012 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J x4 |
| RA6515 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 |
| RA7001 | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J x4 |
| RA7007 | NRZ0040-0R0X | NET RESISTOR | 0Ω 1/16W J x4 |
| RA7501 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J |
| RA7502 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J |
| RA7503 | NRZ0040-0R0X | NET RESISTOR | 0Ω 1/16W J x4 |
| RA7504 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J |
| RA7505 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J |
| L0101 | NQL092K-R68X | P COIL | 0.68uH K |
| L0102 | NQL092K-1R0X | P COIL | 1uH K |
| L0201 | NQL092K-R68X | P COIL | 0.68uH K |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| L0202 | NQL092K-1R0X | P COIL | 1uH K | |
| L0301 | NQL092K-R68X | P COIL | 0.68uH K | |
| L0302 | NQL092K-1R0X | P COIL | 1uH K | |
| L0401 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L1001 | NQR0489-002X | FERRITE BEADS | | |
| L1002 | NQR0489-002X | FERRITE BEADS | | |
| L1003 | NQL092K-1R5X | P COIL | 1.5uH K | |
| L1004 | NQR0489-002X | FERRITE BEADS | | |
| L1005 | NQR0489-002X | FERRITE BEADS | | |
| L1006 | NQR0489-002X | FERRITE BEADS | | |
| L1008 | NQL79GM-220X | COIL | 22uH M | |
| L1010 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L1011 | NQL79GM-470X | COIL | 47uH M | |
| L1101 | NQL092K-6R8X | P COIL | 6.8uH K | |
| L1102 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L1103 | NQL093K-1R0X | P COIL | 1uH K | |
| L1104 | NQL093K-R10X | P COIL | 0.1uH K | |
| L1201 | NQL092K-6R8X | P COIL | 6.8uH K | |
| L1203 | NQL092K-1R0X | P COIL | 1uH K | |
| L1301 | NQL092K-3R3X | P COIL | 3.3uH K | |
| L1303 | NQL092K-1R0X | P COIL | 1uH K | |
| L1304 | NQL093K-R10X | P COIL | 0.1uH K | |
| L1401 | NQL092K-3R3X | P COIL | 3.3uH K | |
| L1403 | NQL092K-1R0X | P COIL | 1uH K | |
| L1404 | NQL093K-R10X | P COIL | 0.1uH K | |
| L1501 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L1533 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L1534 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3005 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3006 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3008 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3009 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3010 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3011 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3012 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3013 | NQL093K-R10X | P COIL | 0.1uH K | |
| L3014 | NQL093K-R10X | P COIL | 0.1uH K | |
| L3015 | NQL093K-R10X | P COIL | 0.1uH K | |
| L3501 | NQR0413-003X | FERRITE BEADS | | |
| L4001 | NQR0413-003X | FERRITE BEADS | | |
| L4002 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L4003 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L6501 | NQR0351-001X | FERRITE BEADS | | |
| L6502 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L6508 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| L6509 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| L6510 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| L7001 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| L7002 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| L7003 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| L7004 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| L7005 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| L7006 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| L7510 | NQL092K-4R7X | P COIL | 4.7uH K | |
| L7512 | NQR0489-002X | FERRITE BEADS | | |
| L7513 | NQR0489-002X | FERRITE BEADS | | |
| L9001 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L9002 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L9201 | NQL71EM-150X | COIL | 15uH M | |
| CN001 | QGF0508F1-50X | CONNECTOR | FFC/FPC (1-50) | |
| CN002 | QGF0508F1-30X | CONNECTOR | FFC/FPC (1-30) | |
| J001 | NNZ0117-001 | HDMI CONNECTOR | DIGITAL IN | |
| K1001 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K1002 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K1003 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K1004 | NQR0489-002X | FERRITE BEADS | | |
| K1005 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K3003 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| K3006 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| K3009 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K3191 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K7002 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K7502 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| K7503 | NQR0389-003X | FERRITE BEADS | | |
| K9001 | NQR0413-003X | FERRITE BEADS | | |
| K9002 | NQR0413-003X | FERRITE BEADS | | |
| LC0102 | NQR0483-005X | EMI FILTER | 100uF 25V Z | |
| LC0519 | NQR0416-001X | EMI FILTER | 240pF 16V M | |
| LC0522 | NQR0470-007X | EMI FILTER | 2200pF 50V +50%-20% | |
| LC0524 | NQR0483-005X | EMI FILTER | 100uF 25V Z | |
| LC0527 | NQR0483-006X | EMI FILTER | | |
| LC6501 | NQR0479-001X | EMI FILTER | | |
| LC7004 | NQR0483-003X | EMI FILTER | | |
| LC7501 | NQR0483-006X | EMI FILTER | | |
| LC7502 | NQR0483-006X | EMI FILTER | | |
| SL7001 | NAX0613-001X | C RESONATOR | | |
| TP9001 | LC42312-001A | EARTH TERMINAL | | |
| TP9002 | LC42312-001A | EARTH TERMINAL | | |
| TP9003 | LC42312-001A | EARTH TERMINAL | | |
| X1001 | NAX0642-001X | CRYSTAL | | |
| X3001 | NAX0635-001X | CXO | | |
| X3003 | NAX0668-001X | CXO | | |
| X4001 | NAX0669-001X | C RESONATOR | | |
| X7501 | NAX0618-001X | CRYSTAL | | |

### RECEIVER P.W. BOARD ASS'Y (SFL0F204A-U2)

REFER TO PARTS LIST IN PAGE 3-23 FOR THIS P.W. BOARD.

### PANEL I/F P.W. BOARD ASS'Y (SFL0H001A-U2)

REFER TO PARTS LIST IN PAGE 3-24 FOR THIS P.W. BOARD.

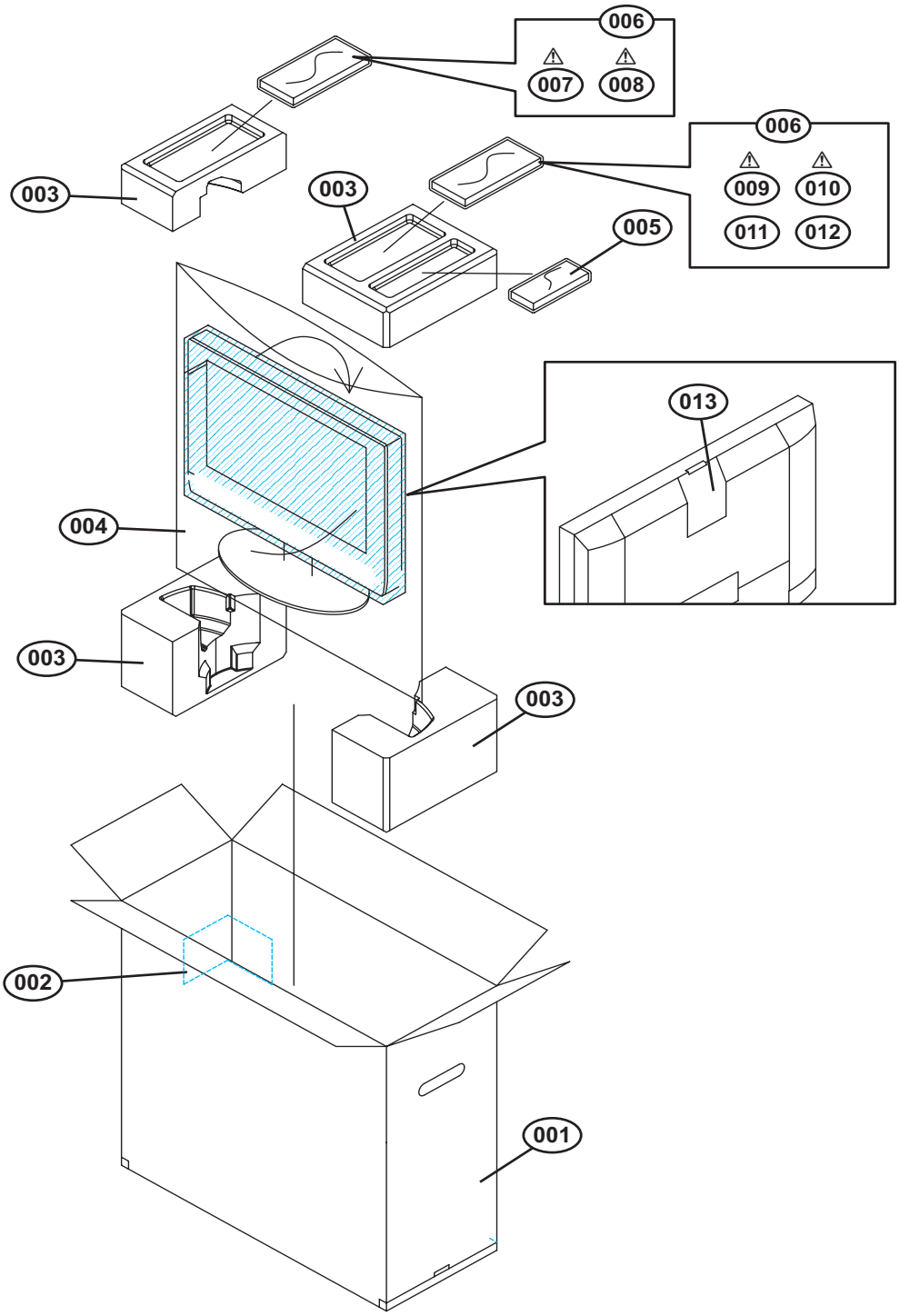
# REMOTE CONTROL UNIT PARTS LIST (RM-C1811H-2C)

| ⚠ | Ref.No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|---|
| | | 2AA070311 | BATTERY COVER | | |

# PACKING PARTS LIST

| ⚠ | Ref.No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|---|
| | 001 | GA10002-070A-U | PACKING CASE | | |
| | 002 | GA10027-028A-U | EURO LABEL | | LT-37M60BU,LT-37M60BU/P |
| | 002 | GA10027-041A-U | EURO LABEL | | LT-37M60ZU |
| | 002 | GA10027-042A-U | EURO LABEL | | LT-37M60ZU/P |
| | 003 | GA10133-001A-U | CUSHION ASSY | 4pcs in 1set | |
| | 004 | GA10026-003A-U | FORM BAG | | |
| | 005 | RM-C1811H-2C | REMOCON UNIT | | |
| | 006 | GA30007-001A-U | DOCUMENT BAGS | (x2) | |
| ⚠ | 007 | LCT1953-001A-U | INST BOOK | Norwegian/Finn/Danish/Swedish | |
| ⚠ | 008 | LCT1954-001A-U | INST BOOK | Russian/Polish/Czech/Hungarian/Romanian/Bulgarian | |
| ⚠ | 009 | ---------- | WARRANTY CARD | BT-54027-1E | |
| ⚠ | 010 | LCT1952-001A-U | INST BOOK | English/German/French/Dutch/Spanish/Italian/Portuguese | |
| | 011 | ---------- | BATTERY | R6P/AA(x2) | |
| | 012 | LCT1923-002A-U | SHEET(WEEE)-E | | |
| | 013 | LCT1504-001A-U | CAUTION SHEET | | |

# PACKING


006
007
008
006
009
010
011
012
003
003
005
013
004
003
003
002
001

JVC

# SCHEMATIC DIAGRAMS

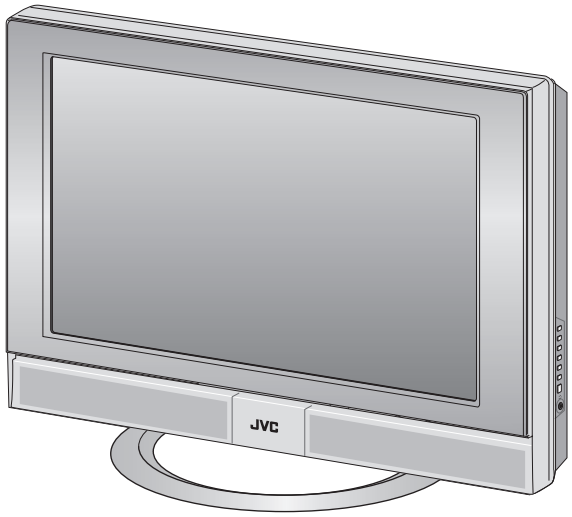
## WIDE LCD PANEL TELEVISION

# LT-37M60BU, LT-37M60BU/P, LT-37M60ZU, LT-37M60ZU/P

**CD-ROM No.SML200511**

| BASIC CHASSIS |
| --- |
| FL2 |






DynaPiX Powered by D.I.S.T.

InteriArt

T-V LINK

BBE

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

DVB Digital Video Broadcasting

COPYRIGHT © 2005 Victor Company of Japan, Limited

No.YA360
2005/11

# LT-37M60BU, LT-37M60BU/P, LT-37M60ZU, LT-37M60ZU/P

# STANDARD CIRCUIT DIAGRAM

## ■ NOTE ON USING CIRCUIT DIAGRAMS

### 1.SAFETY

**The components identified by the ⚠ symbol and shading are critical for safety. For continued safety replace safety ciritical components only with manufactures recommended parts.**

### 2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

| | |
|---|---|
| (1)Input signal | : Colour bar signal |
| (2)Setting positions of each knob/button and variable resistor | : Original setting position when shipped |
| (3)Internal resistance of tester | : DC 20kΩ/V |
| (4)Oscilloscope sweeping time | : H ⇒ 20μs / div |
| | : V ⇒ 5ms / div |
| | : Othters ⇒ Sweeping time is specified |
| (5)Voltage values | : All DC voltage values |

∗ Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

### 3.INDICATION OF PARTS SYMBOL [EXAMPLE]

● In the PW board : R209 → R209

### 4.INDICATIONS ON THE CIRCUIT DIAGRAM

**(1)Resistors**

● Resistance value

| | |
|---|---|
| No unit | : [Ω] |
| K | : [kΩ] |
| M | : [MΩ] |

● Rated allowable power

| | |
|---|---|
| No indication | : 1/16 [W] |
| Others | : As specified |

● Type

| | |
|---|---|
| No indication | : Carbon resistor |
| OMR | : Oxide metal film resistor |
| MFR | : Metal film resistor |
| MPR | : Metal plate resistor |
| UNFR | : Uninflammable resistor |
| FR | : Fusible resistor |

∗ Composition resistor 1/2 [W] is specified as 1/2S or Comp.

**(2)Capacitors**

● Capacitance value

| | |
|---|---|
| 1 or higher | : [pF] |
| less than 1 | : [μF] |

● Withstand voltage

| | |
|---|---|
| No indication | : DC50[V] |
| Others | : DC withstand voltage [V] |
| AC indicated | : AC withstand voltage [V] |

∗ Electrolytic Capacitors
47/50[Example]: Capacitance value [μF]/withstand voltage[V]

● Type

| | |
|---|---|
| No indication | : Ceramic capacitor |
| MM | : Metalized mylar capacitor |
| PP | : Polypropylene capacitor |
| MPP | : Metalized polypropylene capacitor |
| MF | : Metalized film capacitor |
| TF | : Thin film capacitor |
| BP | : Bipolar electrolytic capacitor |
| TAN | : Tantalum capacitor |

**(3)Coils**

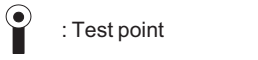
| | |
|---|---|
| No unit | : [μH] |
| Others | : As specified |

**(4)Power Supply**

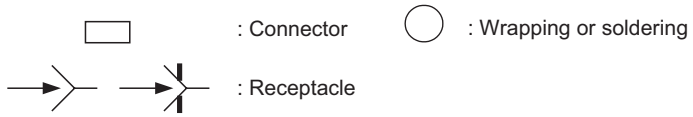



∗ Respective voltage values are indicated

**(5)Test point**




**(6)Connecting method**




**(7)Ground symbol**

: LIVE side ground
: ISOLATED(NEUTRAL) side ground
: EARTH ground
: DIGITAL ground

### 5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : ( ⊥ ) side GND and the ISOLATED(NEUTRAL) : ( ⏚ ) side GND. Therefore, care must be taken for the following points.

(1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. if the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.

(2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus measure with a measuring apparatus ( oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time.
If the above precaution is not respected, a fuse or any parts will be broken.

◆ **Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.**

**NOTE**

◆ **Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list.**
**When ordering parts, please use the numbers that appear in the Parts List.**

# CONTENTS


**SEMICONDUCTOR SHAPES ..... 2-3**
**WIRING DIAGRAM ..... 2-5**
**BLOCK DIAGRAM ..... 2-7**

## CIRCUIT DIAGRAMS

**RECEIVER PWB CIRCUIT DIAGRAM ..... 2-9**
**ANALOG SIGNAL PWB CIRCUIT DIAGRAM ..... 2-11**
**DIGITAL SIGNAL PWB CIRCUIT DIAGRAM ..... 2-21**
**PANEL I/F PWB CIRCUIT DIAGRAM ..... 2-43**
**CONNECTOR PWB CIRCUIT DIAGRAM ..... 2-45**
**FRONT CONTROL PWB CIRCUIT DIAGRAM ..... 2-47**
**FRONT LED PWB CIRCUIT DIAGRAM ..... 2-48**
**POWER PWB CIRCUIT DIAGRAM ..... 2-49**
**REGULATOR PWB CIRCUIT DIAGRAM ..... 2-53**
**CARD PWB CIRCUIT DIAGRAM ..... 2-55**

## PATTERN DIAGRAMS

**RECEIVER PWB PATTERN ..... 2-59**
**ANALOG SIGNAL PWB PATTERN ..... 2-61**
**DIGITAL SIGNAL PWB PATTERN ..... 2-65**
**PANEL I/F PWB PATTERN ..... 2-69**
**CONNECTOR PWB PATTERN ..... 2-71**
**POWER PWB PATTERN ..... 2-73**
**REGULATOR PWB PATTERN ..... 2-77**
**CARD PWB PATTERN ..... 2-79**
**FRONT CONTROL PWB PATTERN ..... 2-81**
**FRONT LED PATTERN ..... 2-81**

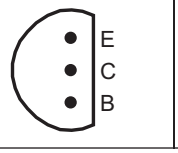
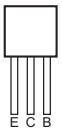
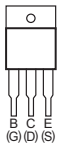
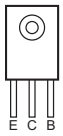
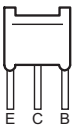
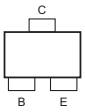
**VOLTAGE CHATRS ..... 2-83**
**WAVEFORMS ..... 2-86**


## USING P.W. BOARD

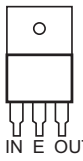
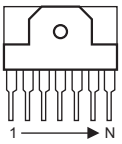
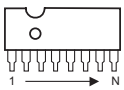
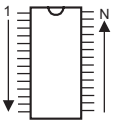
| P.W.B ASS'Y name | LT-37M60BU | LT-37M60BU/P | LT-37M60ZU | LT-37M60ZU/P |
|---|---|---|---|---|
| ANALOG SIGNAL P.W. BOARD | SFL-1116A-U2 | ← | ← | ← |
| CONNECTOR P.W. BOARD | SFL-4114A-U2 | ← | ← | ← |
| FRONT CONTROL P.W. BOARD | SFL-7111A-U2 | ← | ← | ← |
| FRONT LED P.W. BOARD | SFL-8133A-U2 | ← | ← | ← |
| CARD P.W. BOARD | SFL-8512A-U2 | ← | ← | ← |
| POWER P.W. BOARD | SFL-9039A-U2 | ← | ← | ← |
| REGULATOR P.W. BOARD | SFL-9138A-U2 | ← | ← | ← |
| DIGITAL SIGNAL P.W. BOARD | SFL0D234A-U2 | LCA10557-67A(SFL-0D234A) | SFL0D234A-U2 | LCA10557-67A(SFL-0D234A) |
| RECEIVER P.W. BOARD | SFL0F204A-U2 | ← | ← | ← |
| PANEL I/F P.W. BOARD | SFL0H001A-U2 | ← | ← | ← |

# SEMICONDUCTOR SHAPES

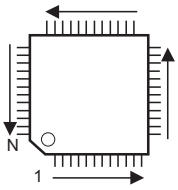
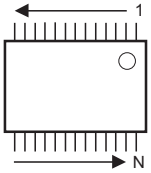
## TRANSISTOR

| BOTTOM VIEW | FRONT VIEW | | | | TOP VIEW |
|---|---|---|---|---|---|
|  |  |  |  |  | CHIP TR<br>  |

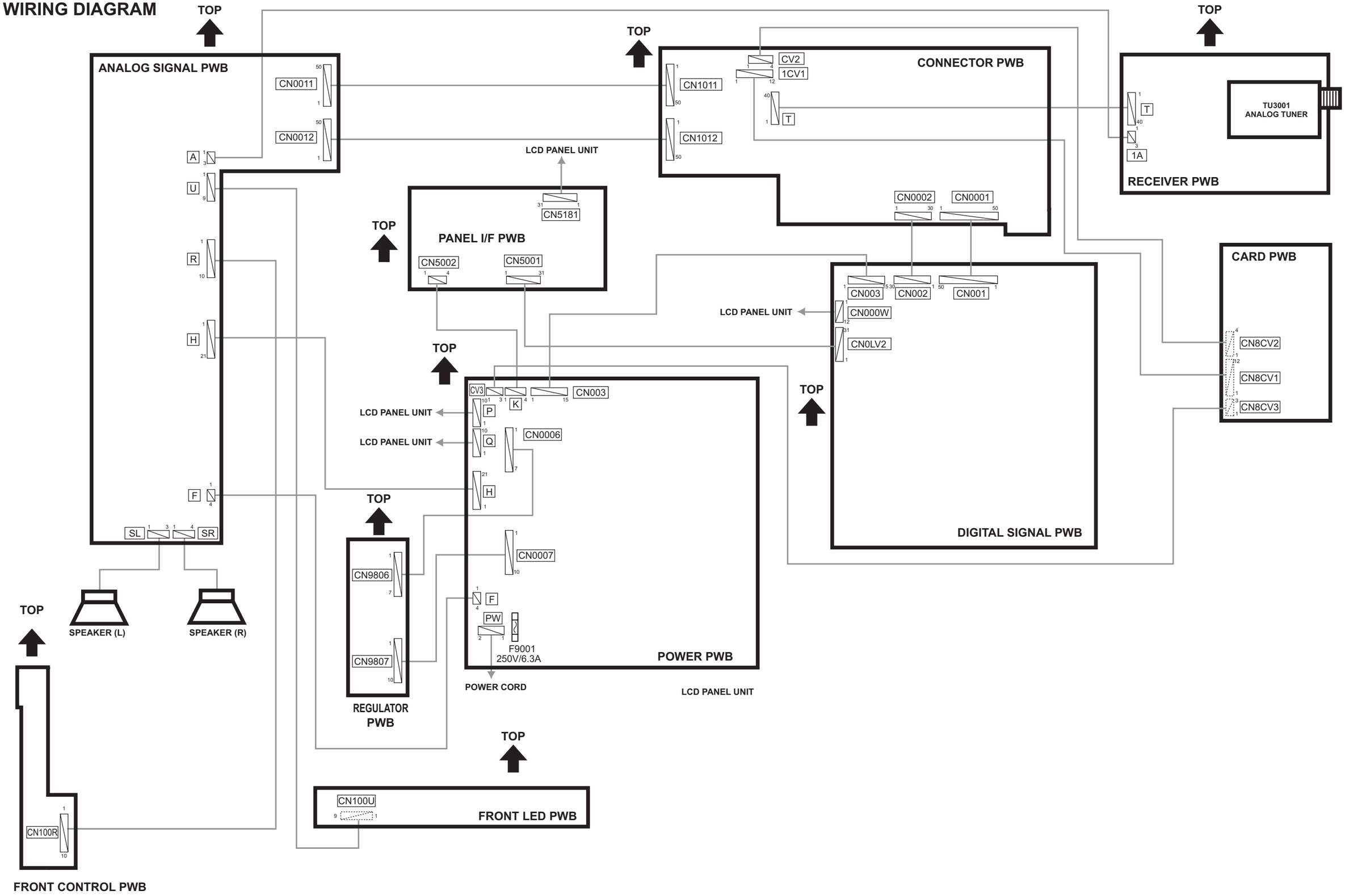
## IC

| BOTTOM VIEW | FRONT VIEW | | | TOP VIEW |
|---|---|---|---|---|
|  |  |  |  |  |

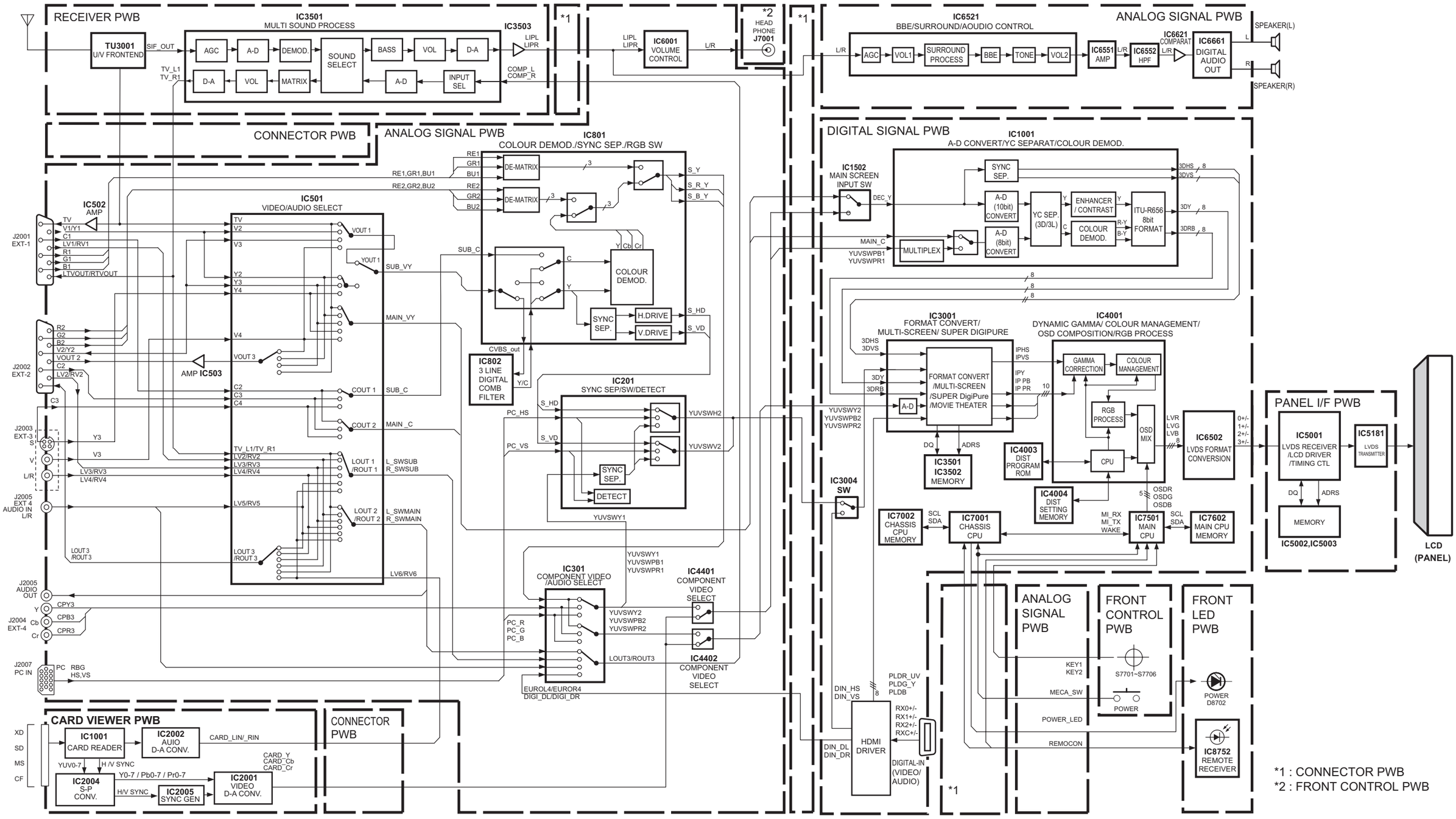
## CHIP IC

| TOP VIEW | | |
|---|---|---|
|  |  | |

# WIRING DIAGRAM



# BLOCK DIAGRAM



# CIRCUIT DIAGRAMS

*RECEIVER PWB CIRCUIT DIAGRAM SHEET 1*

## RECEIVER PWB ASS'Y

SFL0F204A-U2

| | LCD UK | LCD EU | PDP UK |
|---|---|---|---|
| | SFL-0F203A | SFL-0F204A | SFP-0F205A |
| | OLLC08303 | OLLC08303-02 | OLLC08116-03 |
| CNF00A | OPEN | OPEN | QGA2001C6-03X |
| CNF01A | QGA2001F8-03X | QGA2001F6-03X | OPEN |
| TU3001 | OPEN | QAU0428-001 | OPEN |
| TU3002 | QAU0428-001 | OPEN | QAU0428-001 |
| UD3001 | QAU0429-001 | OPEN | QAU0429-001 |
| R3019 | OPEN | 0 | OPEN |
| R3020 | 0 | OPEN | 0 |
| R3021 | 0 | OPEN | 0 |
| R3022 | 0 | OPEN | 0 |
| R3023 | 0 | OPEN | 0 |
| R3024 | 0 | OPEN | 0 |
| R3025 | 0 | OPEN | 0 |
| R3026 | 0 | OPEN | 0 |
| R3027 | 0 | OPEN | 0 |
| R3028 | 0 | OPEN | 0 |
| R3029 | 0 | OPEN | 0 |
| R3031 | OPEN | 0 | OPEN |
| R3032 | OPEN | 0 | OPEN |
| R3033 | OPEN | 0 | OPEN |
| R3034 | OPEN | 0 | OPEN |
| R3035 | OPEN | 0 | OPEN |
| R3036 | OPEN | 0 | OPEN |
| R3037 | OPEN | 0 | OPEN |
| R3038 | OPEN | 0 | OPEN |
| R3039 | OPEN | 0 | OPEN |
| R3040 | OPEN | 0 | OPEN |
| R3041 | OPEN | 0 | OPEN |
| R3042 | 0 | OPEN | 0 |
| R3530 | 0 | OPEN | 0 |
| IC3104 | OPEN | OPEN | TPS852-W |
| IC3204 | TPS852-W | TPS852-W | OPEN |
| R3119 | OPEN | OPEN | 100k |
| R3120 | 0 | 0 | OPEN |
| R3219 | 100k | 100k | OPEN |
| C3113 | OPEN | OPEN | NCB11AK-106X |
| C3114 | OPEN | OPEN | NCB11AK-106X |
| C3115 | OPEN | OPEN | NCB31CK-104X |
| C3213 | NCB11AK-106X | NCB11AK-106X | OPEN |
| C3214 | NCB11AK-106X | NCB11AK-106X | OPEN |
| C3215 | NCB31CK-104X | NCB31CK-104X | OPEN |
| IC3301 | OPEN | OPEN | BD3869AF-X |
| IC3302 | OPEN | OPEN | RC4558D-X |
| L3301 | OPEN | OPEN | NRSA02J-0R0X |
| R3301 | OPEN | OPEN | 0 |
| R3303 | OPEN | OPEN | 0 |
| R3304 | OPEN | OPEN | 0 |
| R3305 | OPEN | OPEN | 15k |
| R3306 | OPEN | OPEN | 10k |
| R3307 | OPEN | OPEN | 10k |
| R3308 | OPEN | OPEN | 15k |
| R3309 | OPEN | OPEN | 4.7k |
| R3310 | OPEN | OPEN | 4.7k |
| R3311 | OPEN | OPEN | 10k |
| R3312 | OPEN | OPEN | 10k |
| C3301 | OPEN | OPEN | NCB11AK-106X |
| C3302 | OPEN | OPEN | NCB11AK-106X |
| C3303 | OPEN | OPEN | NCB11AK-106X |
| C3304 | OPEN | OPEN | NCF11CZ-475Z |
| C3305 | OPEN | OPEN | NCB31CK-683X |
| C3306 | OPEN | OPEN | NCB31HK-183X |
| C3307 | OPEN | OPEN | NEHL1CM-476X |
| C3308 | OPEN | OPEN | NEHL1CM-476X |
| C3309 | OPEN | OPEN | NCB11AK-106X |
| C3310 | OPEN | OPEN | NCB11AK-106X |
| C3311 | OPEN | OPEN | NCB11AK-106X |
| D3301 | OPEN | OPEN | DZS10B-X |

c10346-001a001_0609_1/1_0.1

# ANALOG SIGNAL PWB ASS'Y (1/5)

## SFL-1116A-U2

PC IN

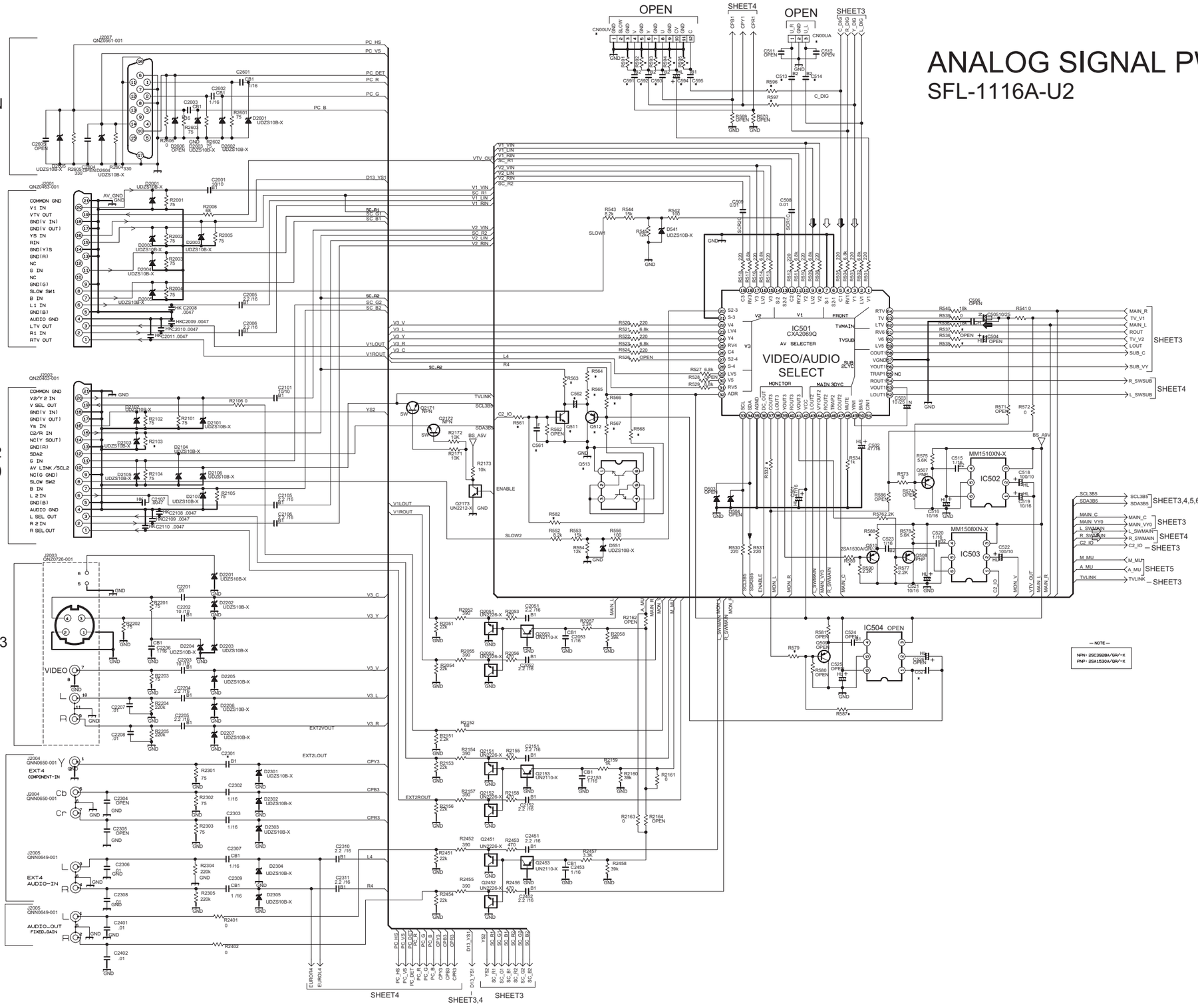
EXT-1

EXT-2
(T-V LINK)

EXT-3

EXT-4

AUDIO
OUT




DIFFERENCE LIST

| | 26/32D56 | 26/32S60 | 37D56 | 37S60 | 37D46 | 37M60 |
|---|---|---|---|---|---|---|
| ASS'Y No. | LC490494 -01* | LC490494 -02* | LC490494 -03* | LC490494 -04* | LC490494 -05* | LC490494 -06* |
| | SFL-1111A | SFL-1112A | SFL-1113A | SFL-1114A | SFL-1115A | SFL-1116A |
| | OLLC08306 | OLLC08306 | OLLC08306 | OLLC08306 | OLLC08306 | OLLC08306 |
| R532 | 0 | OPEN | 0 | OPEN | 0 | OPEN |
| R535 | OPEN | OPEN | OPEN | OPEN | 0 | 0 |
| R537 | OPEN | OPEN | OPEN | OPEN | 0 | 0 |
| R579 | 0 | OPEN | 0 | OPEN | 0 | OPEN |
| R587 | 0 | OPEN | 0 | OPEN | 0 | OPEN |
| R588 | 5.6K | OPEN | 5.6K | OPEN | 5.6K | OPEN |
| R589 | 2.2K | OPEN | 2.2K | OPEN | 2.2K | OPEN |
| C527 | 0.01/50 | OPEN | 0.01/50 | OPEN | 0.01/50 | OPEN |
| Q511 | UN2226-X | OPEN | UN2226-X | OPEN | UN2226-X | OPEN |
| Q512 | 2SA1530A (QR)-X | OPEN | 2SA1530A (QR)-X | OPEN | 2SA1530A (QR)-X | OPEN |
| Q513 | UMX1N-W | OPEN | UMX1N-W | OPEN | UMX1N-W | OPEN |
| R561 | 1K | OPEN | 1K | OPEN | 1K | OPEN |
| R563 | 68 | OPEN | 68 | OPEN | 68 | OPEN |
| R564 | 150 | OPEN | 150 | OPEN | 150 | OPEN |
| R565 | 150 | OPEN | 150 | OPEN | 150 | OPEN |
| R566 | 5.6K | OPEN | 5.6K | OPEN | 5.6K | OPEN |
| R567 | 5.6K | OPEN | 5.6K | OPEN | 5.6K | OPEN |
| R568 | 3.3K | OPEN | 3.3K | OPEN | 3.3K | OPEN |
| R582 | 3.3K | OPEN | 3.3K | OPEN | 3.3K | OPEN |
| C561 | 0.1 /16 | OPEN | 0.1 /16 | OPEN | 0.1 /16 | OPEN |
| C562 | QEN(1CM -476Z | OPEN | QEN(1CM -476Z | OPEN | QEN(1CM -476Z | OPEN |
| CN00UV | QGA2001CE -12X | OPEN | QGA2001CE -12X | OPEN | QGA2001CE -12X | OPEN |
| CN00UA | QGA2001CE -03X | OPEN | QGA2001CE -03X | OPEN | QGA2001CE -03X | OPEN |
| R591 | 75 | OPEN | 75 | OPEN | 75 | OPEN |
| R592 | 75 | OPEN | 75 | OPEN | 75 | OPEN |
| R593 | 75 | OPEN | 75 | OPEN | 75 | OPEN |
| R594 | 75 | OPEN | 75 | OPEN | 75 | OPEN |
| R595 | 75 | OPEN | 75 | OPEN | 75 | OPEN |
| R596 | 0 | OPEN | 0 | OPEN | 0 | OPEN |
| R597 | 0 | OPEN | 0 | OPEN | 0 | OPEN |
| C591 | 1/16 | OPEN | 1/16 | OPEN | 1/16 | OPEN |
| C592 | 1/16 | OPEN | 1/16 | OPEN | 1/16 | OPEN |
| C593 | 1/16 | OPEN | 1/16 | OPEN | 1/16 | OPEN |
| C594 | 10/16 | OPEN | 10/16 | OPEN | 10/16 | OPEN |
| C595 | 2.2/16 | OPEN | 2.2/16 | OPEN | 2.2/16 | OPEN |
| C513 | 1/16 | OPEN | 1/16 | OPEN | 1/16 | OPEN |
| C514 | 1/16 | OPEN | 1/16 | OPEN | 1/16 | OPEN |
| R2103 | OPEN | 75 | OPEN | 75 | OPEN | 75 |
| C2301 | NCB11AK -106X | NCB11AK -106X | NCB11AK -106X | NCB11AK -106X | NCB11AK -106X | NCB11AK -106X |

*ANALOG SIGNAL PWB CIRCUIT DIAGRAM (2/5) [SUB DECORD BLOCK] SHEET 3*

CONNECTOR PWB ASS'Y CN1011 (SHEET19)

CONNECTOR PWB ASS'Y CN1012 (SHEET19)

FRONT LED PWB ASSS'Y CN100U (SHEET21)

CN000U GQA1501C5-09W

CN0011 QGF0508F1-50X

CN0012 QGF0508F1-50X

IC801 TB1274BFG VIDEO CHROMA DECORDER COLOR DEMOD/ SYNC SEP.

IC802 TC90A69AF-X DIGI. COMB.

IC711 CXA1875AM-X

DIFFERENCE LIST

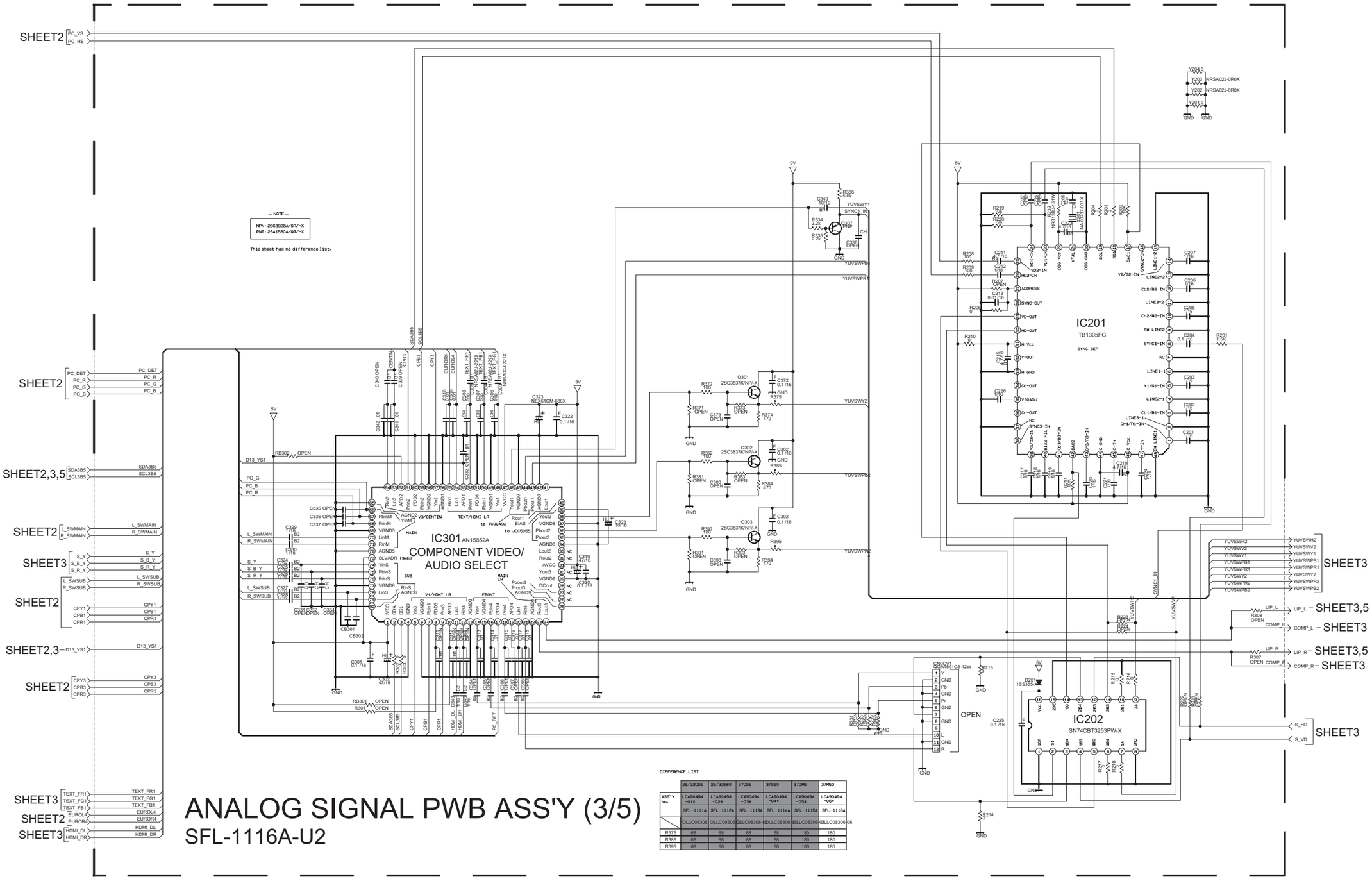
| | 26/32D56 | 26/32S60 | 37D56 | 37S60 | 37D66 | 37M60 |
|---|---|---|---|---|---|---|
| ASS'Y No. | LCA90494 -01# | LCA90494 -02# | LCA90494 -03# | LCA90494 -04# | LCA90494 -05# | LCA90494 -06# |
| | SFL-1111A | SFL-1112A | SFL-1113A | SFL-1114A | SFL-1115A | SFL-1116A |
| | DLLC08306-001A | DLLC08306-002A | DLLC08306-003A | DLLC08306-004A | DLLC08306-005A | DLLC08306-006A |
| Q404 | SSM3K17 F(T)X | SSM3K17 F(T)X | 0 | 0 | 0 | 0 |
| Q405 | SSM3K17 F(T)X | SSM3K17 F(T)X | 0 | 0 | 0 | 0 |
| R404 | 10k | 10k | OPEN | OPEN | OPEN | OPEN |
| R405 | 10k | 10k | OPEN | OPEN | OPEN | OPEN |
| R412 | OPEN | OPEN | OPEN | OPEN | 0 | 0 |
| R413 | OPEN | OPEN | OPEN | OPEN | 0 | 0 |

NOTE
NPN: 2SC3928A/GR/-X
PNP: 2SA1530A/GR/-X
This sheet has no difference list.

# ANALOG SIGNAL PWB ASS'Y (2/5)

SFL-1116A-U2

c10369001b003_1006_3/5_0.0



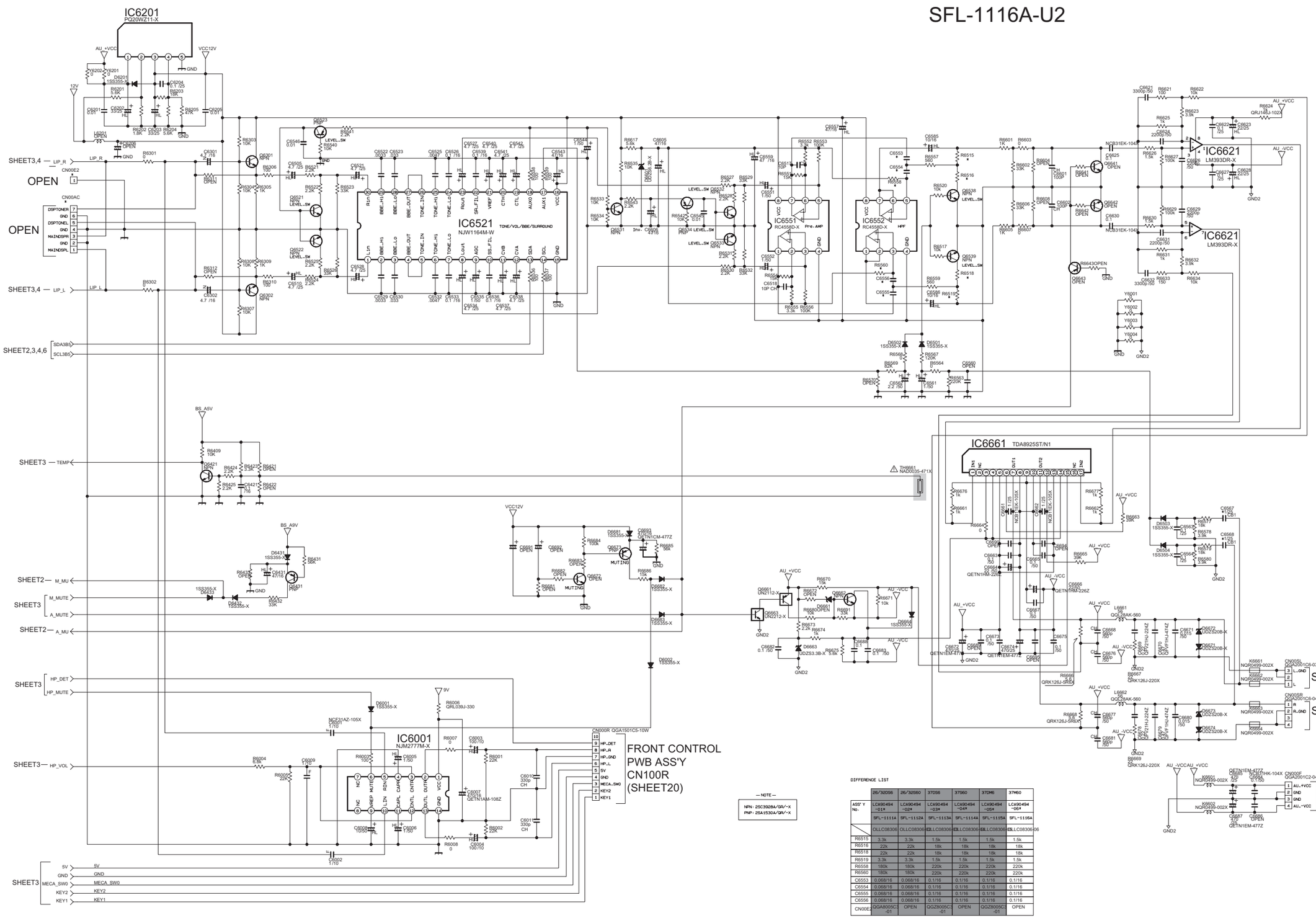

# ANALOG SIGNAL PWB ASS'Y (3/5)
## SFL-1116A-U2

DIFFERENCE LIST

| | 26/32D56 | 26/32S60 | 37D56 | 37S60 | 37D46 | 37H50 |
|---|---|---|---|---|---|---|
| ASS'Y No. | LCA90494 -01X | LCA90494 -02X | LCA90494 -03X | LCA90494 -04X | LCA90494 -05X | LCA90494 -06X |
| | SFL-1111A | SFL-1112A | SFL-1113A | SFL-1114A | SFL-1115A | SFL-1116A |
| | OLLC08306 | OLLC08306-01 | OLLC08306-02 | OLLC08306-03 | OLLC08306-04 | OLLC08306-05 |
| R375 | 68 | 68 | 68 | 68 | 180 | 180 |
| R385 | 68 | 68 | 68 | 68 | 180 | 180 |
| R395 | 68 | 68 | 68 | 68 | 180 | 180 |

c10369001b002_1006_2/5_0.0

# ANALOG SIGNAL PWB ASS'Y (4/5)
## SFL-1116A-U2




— NOTE —

NPN : 2SC3928A/GR/-X
PNP : 2SA1533A/GR/-X

DIFFERENCE LIST

| | 26/32D56 | 26/32E60 | 37D56 | 37E60 | 37DM5 | 37M60 |
|---|---|---|---|---|---|---|
| ASS'Y No. | LCA90494 -01* | LCA90494 -02* | LCA90494 -03* | LCA90494 -04* | LCA90494 -05* | LCA90494 -06* |
| | SFL-1111A | SFL-1112A | SFL-1113A | SFL-1114A | SFL-1115A | SFL-1116A |
| | OLLC08306 | OLLC08306 | OLLC08306 | OLLC08306 | OLLC08306 | OLLC08306 |
| R6515 | 3.3k | 3.3k | 1.5k | 1.5k | 1.5k | 1.5k |
| R6516 | 22k | 22k | 18k | 18k | 18k | 18k |
| R6518 | 22k | 22k | 18k | 18k | 18k | 18k |
| R6519 | 3.3k | 3.3k | 1.5k | 1.5k | 1.5k | 1.5k |
| R6558 | 180k | 180k | 220k | 220k | 220k | 220k |
| R6560 | 180k | 180k | 220k | 220k | 220k | 220k |
| C6553 | 0.068/16 | 0.068/16 | 0.1/16 | 0.1/16 | 0.1/16 | 0.1/16 |
| C6554 | 0.068/16 | 0.068/16 | 0.1/16 | 0.1/16 | 0.1/16 | 0.1/16 |
| C6555 | 0.068/16 | 0.068/16 | 0.1/16 | 0.1/16 | 0.1/16 | 0.1/16 |
| C6556 | 0.068/16 | 0.068/16 | 0.1/16 | 0.1/16 | 0.1/16 | 0.1/16 |
| CN00E2 | QGA8005C3 -01 | OPEN | QGZ8005C3 -01 | OPEN | QGZ8005C3 -01 | OPEN |

RECEIVER PWB ASS'Y
CNF01A (SHEET1)

CN000A
QGA2001C2-03V

GND

Y909 OPEN
Y910 OPEN
Y921 OPEN
Y922 OPEN
GND_SS
GND2

CN00UB
OPEN
GND 6
BT 5
GND 4
BS5V 3
BS9V 2
UK_12V 1

SCL3B5
SDA3B5
SHEET2,3,4,5

BS_ABT30 12V ILA5V STB_5V STB3.3V BS_A9V BS_A5V 12V 9V 5V

Q901 BA90BC0FP-X
9V REG

L901 OPEN

IC902
TA48M033F-X

D901 NRSA02J-0R0X
D909 OPEN
C904 *
C902 NCB31HK-103X
C903 NCB31CK-154X
C905 47/16 NEHL1AM-107X
R917 0 NRSA02J-0R0X

L902 NQL52EM-220X
D903 PTZ11B-X
C913 NEX51CM-335X
L903 NQL52EM-220X
C914 NEX50JM-156X
L904 NQL52EM-220X
D904 PTZ6.8B-X
C916 NEX50JM-156X

R907 0 1/2W NRS12BJ-0R0W
C912 33/25 NEHM1EM-336X
C906 47/16 NEHM1CM-476X

5V SWITCH
R908 470 1/2W
Q902 2SC3074/OY/-X
C915 33/25 NEHM1EM-336X

CN000H
QGF1201C2-21
1 POW_GOOD 21
2 AC 20
3 MAIN_POW 19
4 GND 18
5 SCL 17
6 GND 16
7 SDA 15
8 GND 14
9 BT 13
10 STB5V 12
11 SW12V 11
12 UK_12V 10
13 BS9V 9
14 BS9V 8
15 BS5V 7
16 BS5V 6
17 BS5V 5
18 GND 4
19 GND 3
20 SW5V 2
21 LB_PR05 1

GND

POWER
PWB ASS'Y(2/2)
CN000H
(SHEET23)

R901 6.8k
R903 1.5k
D902 1SS355-X
D905 MA8030/H/-X
R902 1.8k
R904 22k
Q903 2SC3928A/QR/-X
C901 1/50 NEHM1HM-105X

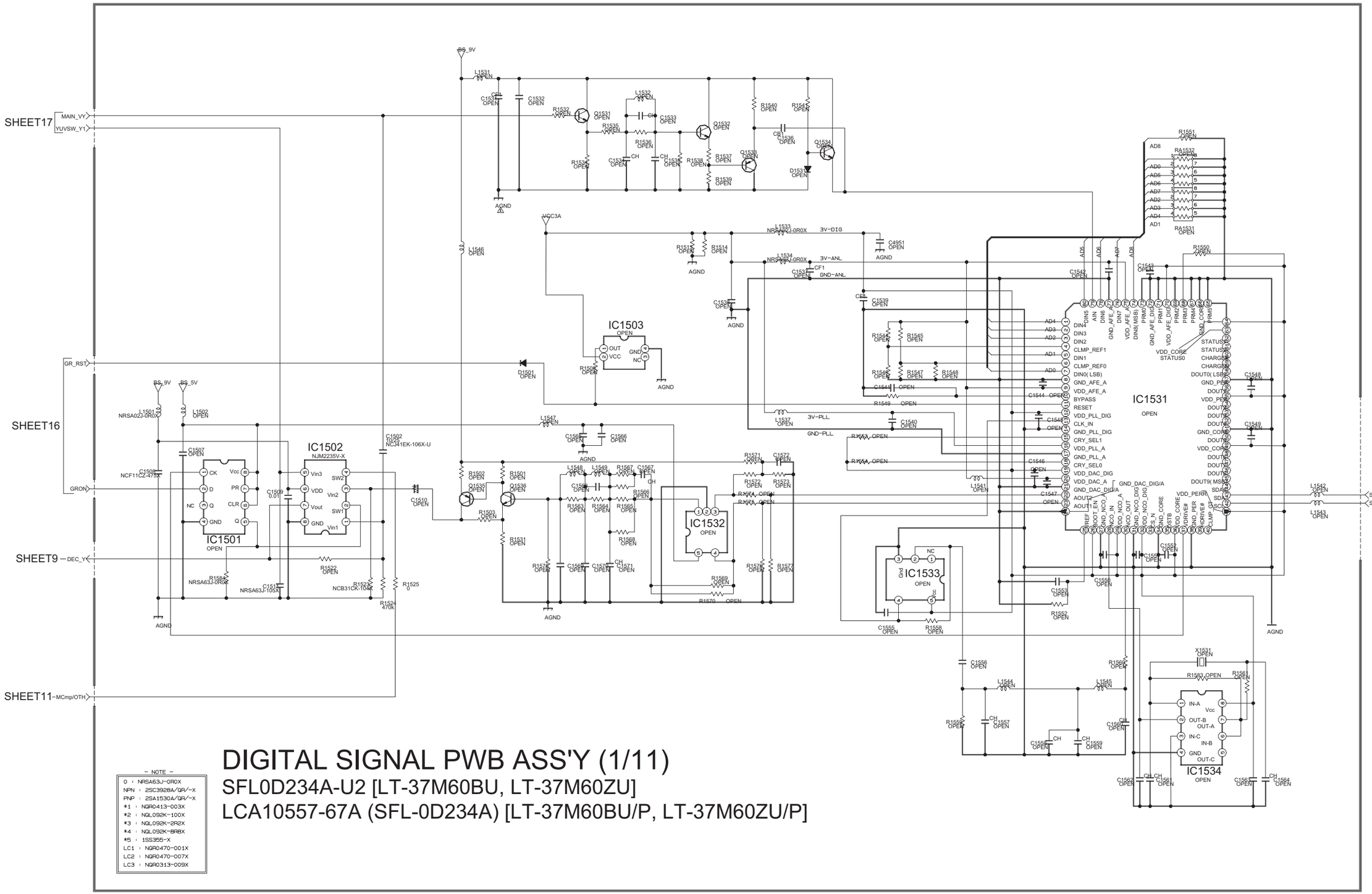
LCD_PRO
LCD_PRO
SHEET3
MAIN_POW
AC_IN
POW_GOOD

DIFFERENCE LIST

| ASS'Y No. | 26/32DS6 | 26/32S60 | 37DS6 | 37S60 | 37DM6 | 37M60 |
|---|---|---|---|---|---|---|
| | LCA90494 -01* | LCA90494 -02* | LCA90494 -03* | LCA90494 -04* | LCA90494 -05* | LCA90494 -06* |
| | SFL-1111A | SFL-1112A | SFL-1113A | SFL-1114A | SFL-1115A | SFL-1116A |
| | OLLC08306 | OLLC08306-02 | OLLC08306-03 | OLLC08306-04 | OLLC08306-05 | OLLC08306-06 |
| CN00UB | QGA2001C2 -06V | OPEN | QGA2001C2 -06V | OPEN | QGA2001C2 -06V | OPEN |
| C904 | OPEN | OPEN | NCB11AK -106X | NCB11AK -106X | NCB11AK -106X | NCB11AK -106X |

# ANALOG SIGNAL PWB ASS'Y (5/5)
SFL-1116A-U2

c10369001b005_1006_5/5_0.0

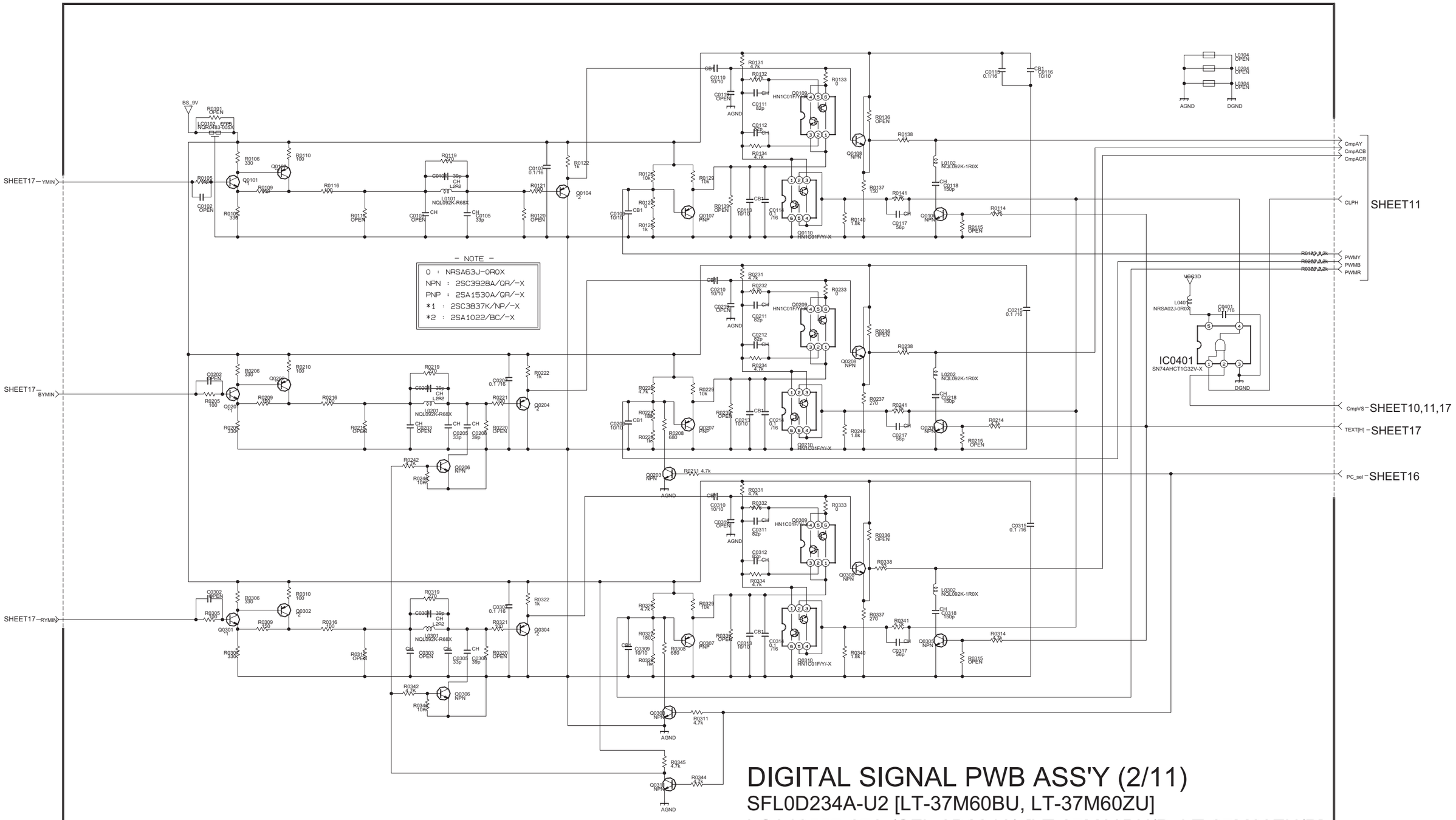



# DIGITAL SIGNAL PWB ASS'Y (1/11)

SFL0D234A-U2 [LT-37M60BU, LT-37M60ZU]

LCA10557-67A (SFL-0D234A) [LT-37M60BU/P, LT-37M60ZU/P]

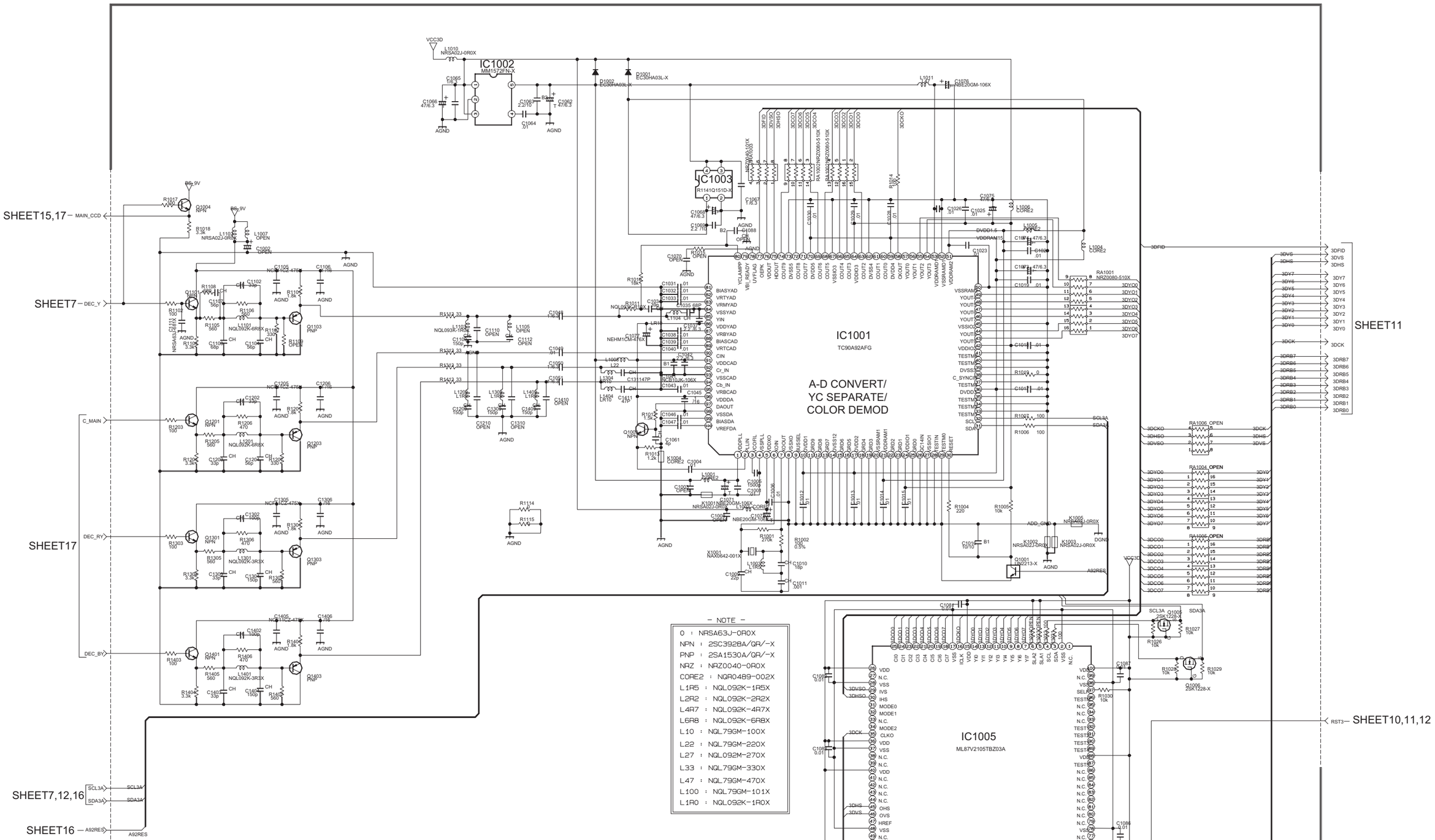
| – NOTE – |
|---|
| 0 : NRSA63J-0R0X |
| NPN : 2SC3928A/QR/-X |
| PNP : 2SA1530A/QR/-X |
| *1 : NQR0413-003X |
| *2 : NQL092K-100X |
| *3 : NQL092K-2R2X |
| *4 : NQL092K-8R8X |
| *5 : 1SS355-X |
| LC1 : NQR0470-001X |
| LC2 : NQR0470-007X |
| LC3 : NQR0313-009X |




# DIGITAL SIGNAL PWB ASS'Y (2/11)

SFL0D234A-U2 [LT-37M60BU, LT-37M60ZU]

LCA10557-67A (SFL-0D234A) [LT-37M60BU/P, LT-37M60ZU/P]




# DIGITAL SIGNAL PWB ASS'Y (3/11)

SFL0D234A-U2 [LT-37M60BU, LT-37M60ZU]

LCA10557-67A (SFL-0D234A) [LT-37M60BU/P, LT-37M60ZU/P]

c10374002b002_1004_2/12_0.0

BS・DTV CONNECT MODEL : MOUNT
etc : NO MOUNT

– NOTE –
O : NRSA63J-0R0X
RA0 : NRZ0034-0R0W
RA1 : NRZ0034-47OW
※1 : 1SS355-X

SHEET16 VFORMSW, SYNCSEL

SHEET11 PLDR_UV7, PLDR_UV6, PLDR_UV5, PLDR_UV4, PLDR_UV3, PLDR_UV2, PLDR_UV1, PLDR_UV0

SHEET11 PLDB7, PLDB6, PLDB5, PLDB4, PLDB3, PLDB2, PLDB1, PLDB0

SHEET11 PLDG_Y7, PLDG_Y6, PLDG_Y5, PLDG_Y4, PLDG_Y3, PLDG_Y2, PLDG_Y1, PLDG_Y0

SHEET11 PLDCK, PLDHS, PLDVS, CmpHS, CmpVS

SHEET11,17 CmpHS, CmpVS

SHEET8,11,17 CmpHS, CmpVS

SHEET16 BSH3, BSV3, ATSC0S, ATSC1S, ATSC2S

OPEN ATSC0S, ATSC1S, ATSC2S

SHEET15 CARD_DET

SHEET17 BS_BT30, BS_ODU, BS_7V

SHEET14,16,17 POW_GOOD

SHEET16 BS_OFF

SHEET15,16 BS_TXD, BS_RXD

SHEET17 VOUTENB, BS1.5CTL, BS_RST, VMUTE

SHEET16 BS_IR, BEN_DTB

SHEET17 BS_LOUT, BS_ROUT, BS_9VK, BS_9V, BS_5V

BS_YOUT, BSOUTGND, BS_COUT

IC2002 OPEN — Vin, Vout, NC, NC, NC, GND, CCOUT, Gc

IC2001 OPEN PLD

IC2003 OPEN

IC2004 OPEN

SHEET11 CK_75M

SHEET16 OSD_SEL

SHEET12,15,16,17 DD_OSDVS, DD_OSDHS

SHEET12,16 DDOSDCK2

SHEET16 JP_YS

SHEET12 OSDR0, OSDR1, OSDR2, OSDR3, OSDR4, OSDR5

SHEET12,17 OSDR1, OSDR2, OSDR3

SHEET12,15,17 OSDR4, OSDR5

SHEET12 OSDG0, OSDG1, OSDG2, OSDG3, OSDG4, OSDG5

SHEET12,17 OSDG1, OSDG2, OSDG3

SHEET12,15,17 OSDG4, OSDG5

SHEET12 OSDB0, OSDB1, OSDB2, OSDB3, OSDB4, OSDB5

SHEET12,17 OSDB1, OSDB2

SHEET12,15,17 OSDB3, OSDB4, OSDB5

SHEET12,15,17 MI_OSDVS

SHEET12,15 MI_OSDHS, JP_R

SHEET11 I2CEXT2, DIN_sel

SHEET16 DIN_CK

SHEET11 DIN_VS, DIN_HS

SHEET9,11,12 RST3

# DIGITAL SIGNAL PWB ASS'Y (4/11)

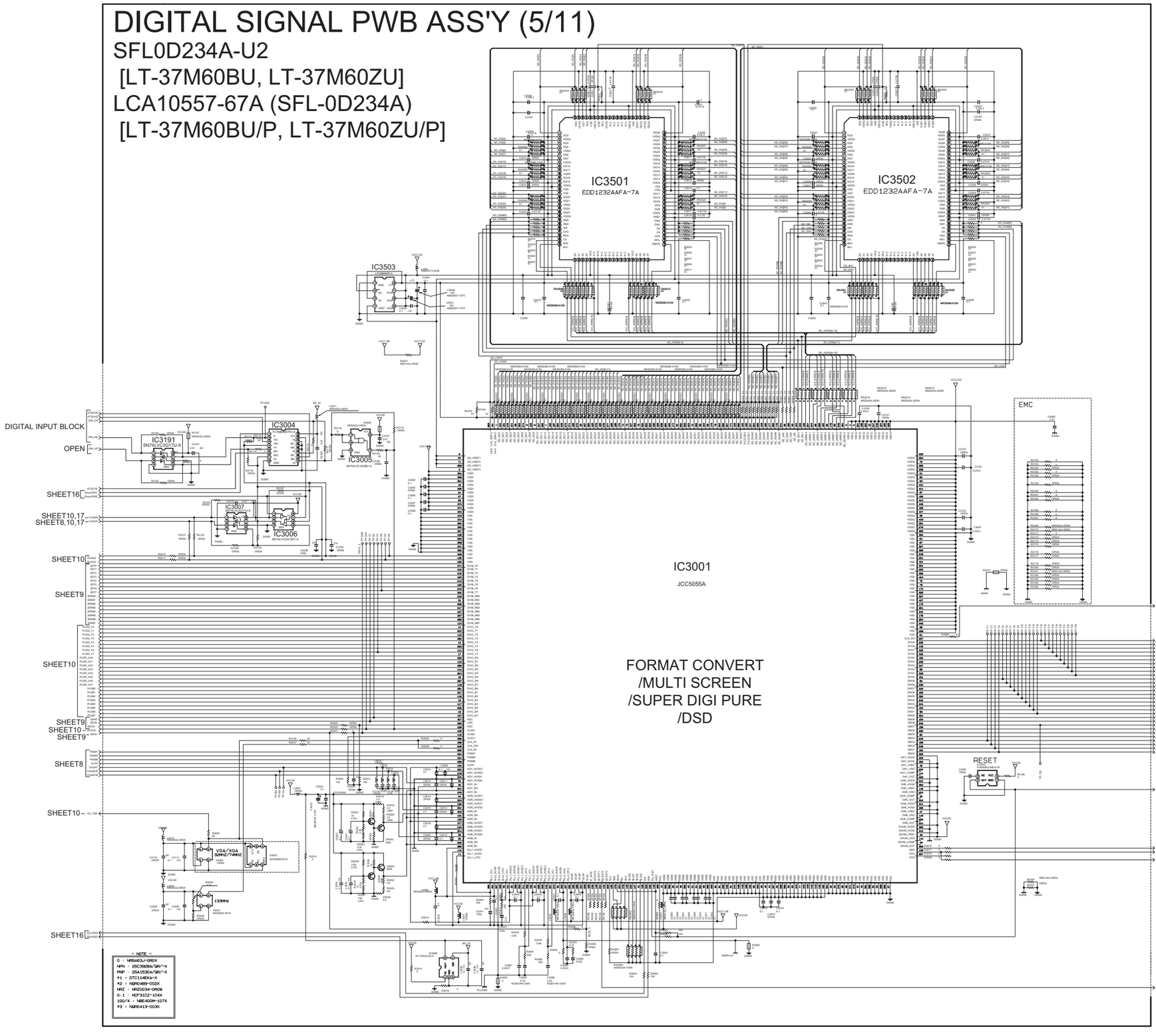
## SFL0D234A-U2 [LT-37M60BU, LT-37M60ZU]

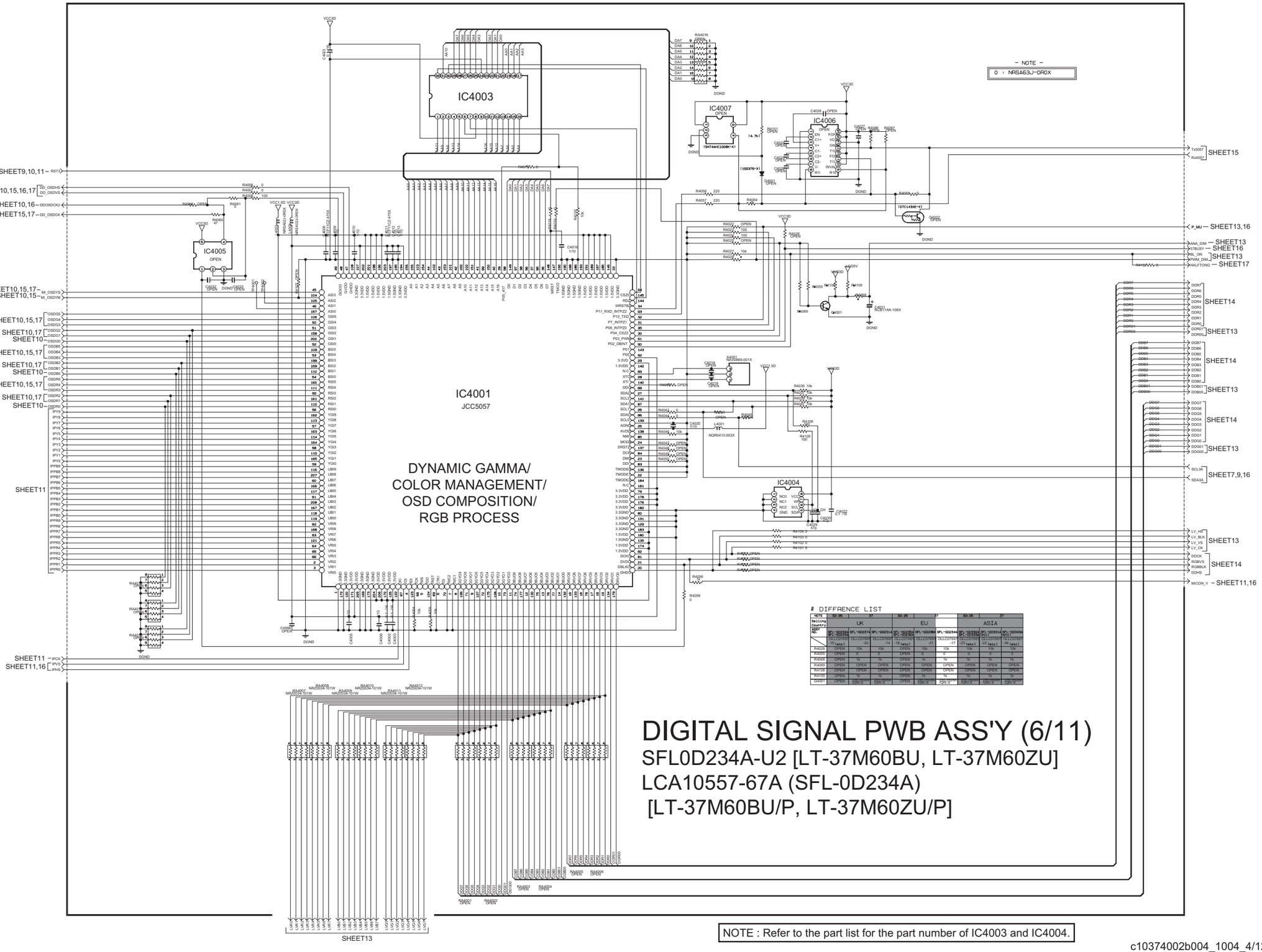
## LCA10557-67A (SFL-0D234A) [LT-37M60BU/P, LT-37M60ZU/P]

c10374002b009_1004_9/12_0.0

# DIGITAL SIGNAL PWB ASS'Y (5/11)

SFL0D234A-U2
[LT-37M60BU, LT-37M60ZU]
LCA10557-67A (SFL-0D234A)
[LT-37M60BU/P, LT-37M60ZU/P]






# DIGITAL SIGNAL PWB ASS'Y (6/11)

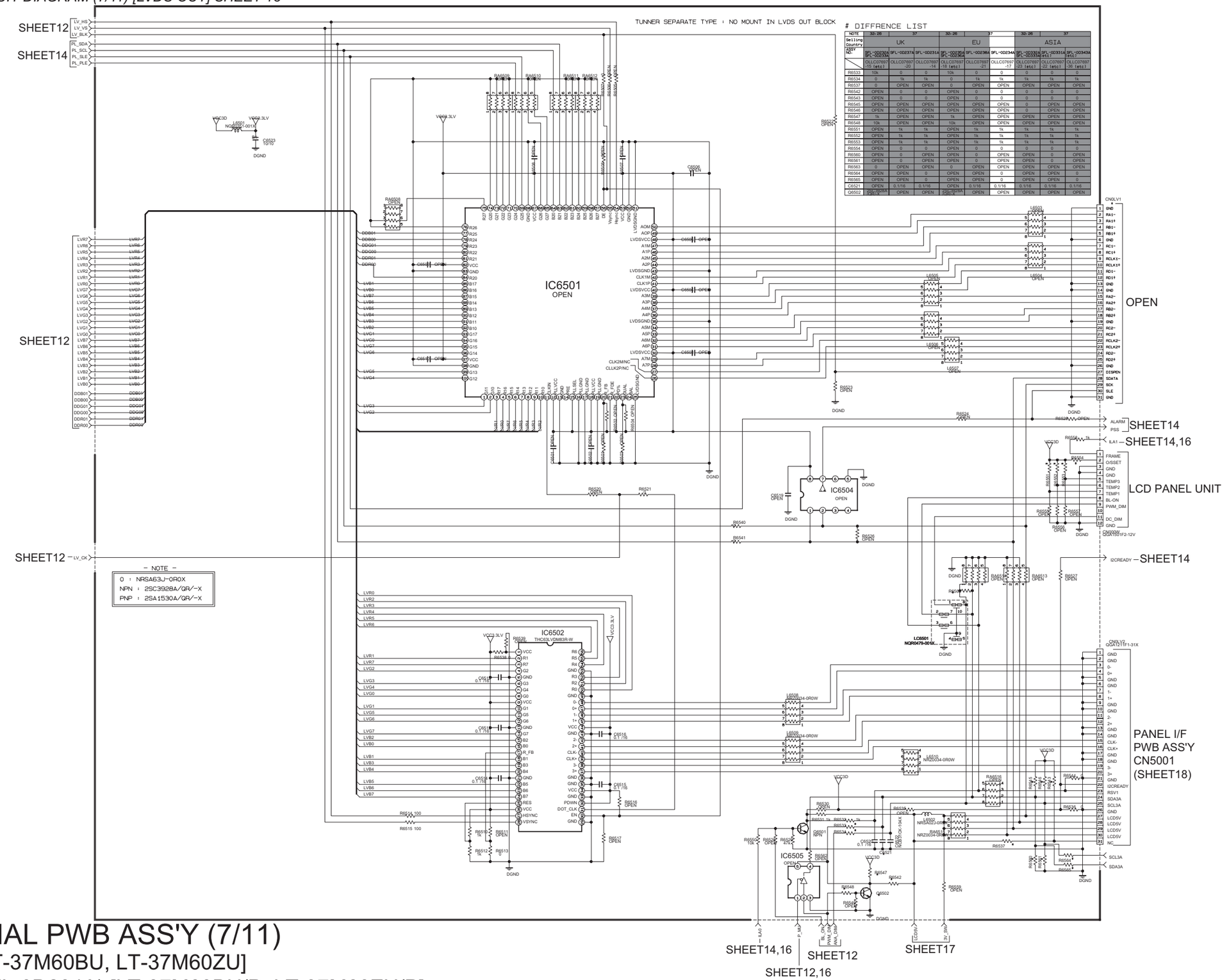
SFL0D234A-U2 [LT-37M60BU, LT-37M60ZU]

LCA10557-67A (SFL-0D234A)

[LT-37M60BU/P, LT-37M60ZU/P]

c10374002b004_1004_4/12_0.0

*DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (7/11) [LVDS OUT] SHEET 13*




# DIGITAL SIGNAL PWB ASS'Y (7/11)

SFL0D234A-U2 [LT-37M60BU, LT-37M60ZU]

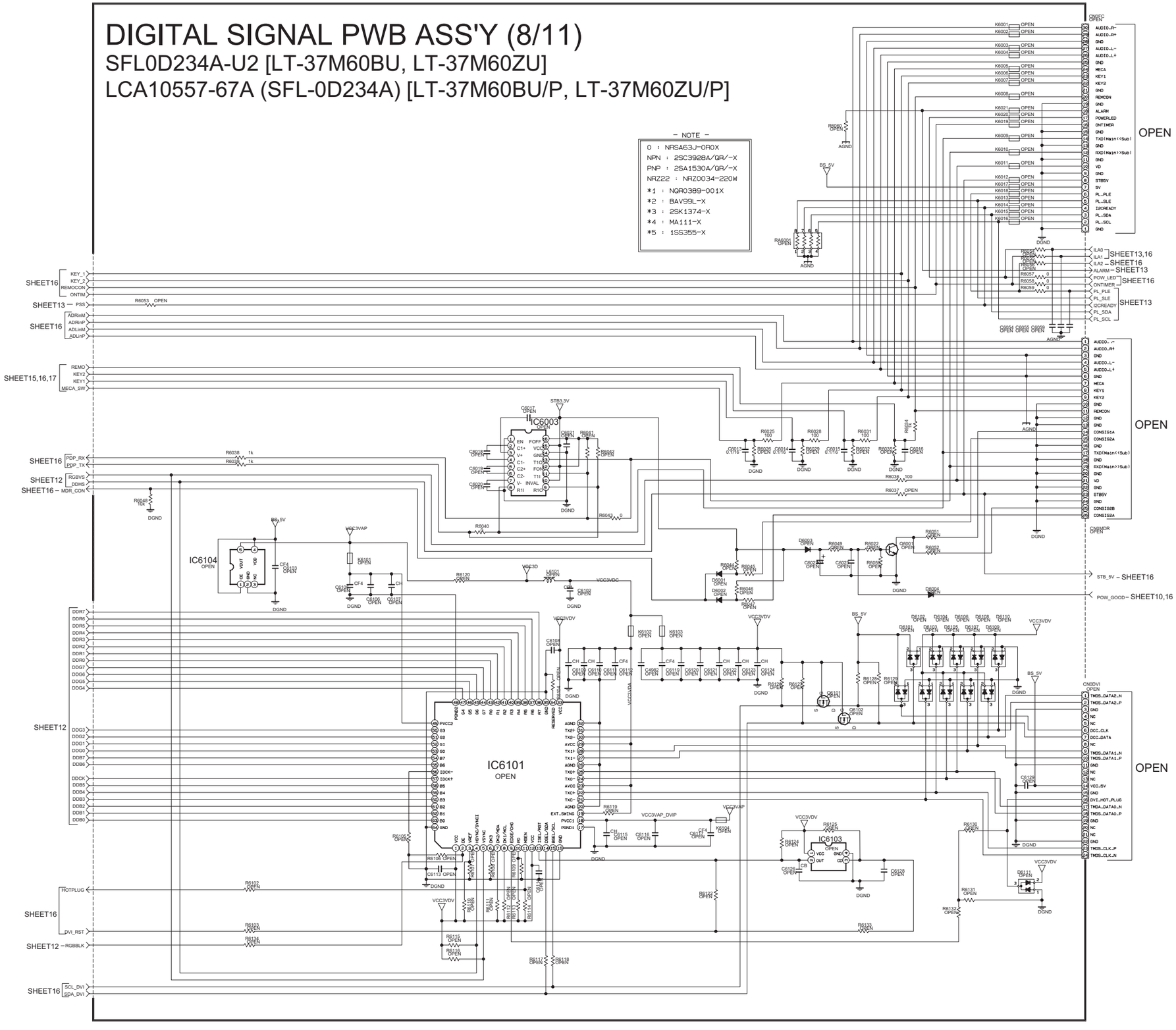
LCA10557-67A (SFL-0D234A) [LT-37M60BU/P, LT-37M60ZU/P]

c10374002b007_1004_7/12_0.0

# DIGITAL SIGNAL PWB ASS'Y (8/11)

## SFL0D234A-U2 [LT-37M60BU, LT-37M60ZU]

## LCA10557-67A (SFL-0D234A) [LT-37M60BU/P, LT-37M60ZU/P]



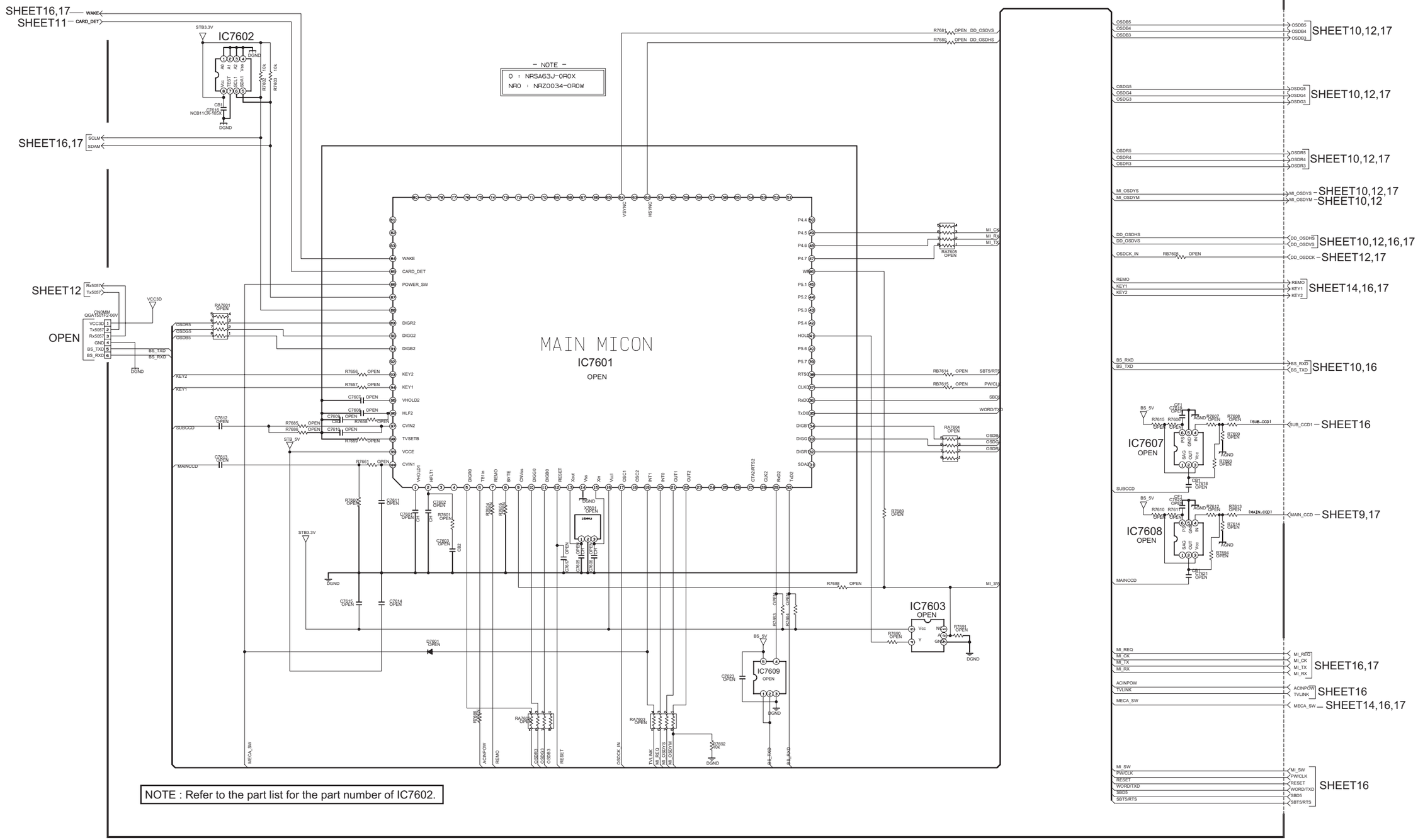



c10374002b006_1004_6/12_0.0

# DIGITAL SIGNAL PWB ASS'Y (9/11)

## SFL0D234A-U2 [LT-37M60BU, LT-37M60ZU]

## LCA10557-67A (SFL-0D234A) [LT-37M60BU/P, LT-37M60ZU/P]



NOTE : Refer to the part list for the part number of IC7002.

# DIFFRENCE LIST

| NOTE | 32v 26 | 37 | 32v 26 | 37 | 32v 26 | 37 |
|---|---|---|---|---|---|---|
| Selling Country | LK | | EU | | ASIA | |
| NOTE | SFL-0D231A SFL-0D231B | SFL-0D231C | SFL-0D232A SFL-0D232B | SFL-0D232C | SFL-0D233A SFL-0D233B | SFL-0D233C |
| IC7001 | DLL0D765Y -19 (etc) | DLL0D765Y -20 (etc) | DLL0D765Y -14 (etc) | DLL0D765Y -21 (etc) | DLL0D765Y -22 (etc) | DLL0D765Y -23 (etc) |
| IC7002 | NRS463J-0R0X | NRS463J-0R0X | NRS463J-0R0X | NRS463J-0R0X | NRS463J-0R0X | NRS463J-0R0X |
| Q7201 | PNP | PNP | PNP | PNP | PNP | PNP |
| Q7202 | NPN | NPN | NPN | NPN | NPN | NPN |
| Q7203 | NPN | NPN | NPN | NPN | NPN | NPN |
| Q7204 | NPN | NPN | NPN | NPN | NPN | NPN |
| Q7205 | NPN | NPN | NPN | NPN | NPN | NPN |
| C7201 | 183315-X | 183315-X | 183315-X | 183315-X | 183315-X | 183315-X |
| C7251 | 1/10 | 1/10 | 1/10 | 1/10 | 1/10 | 1/10 |
| C7202 | 0.1/16 | 0.1/16 | 0.1/16 | 0.1/16 | 0.1/16 | 0.1/16 |
| R7019 | OPEN | OPEN | 0 | OPEN | OPEN | 0 |
| R7027 | 0 | 0 | 0 | 0 | 0 | 0 |
| R7578 | 2000mW | 2000mW | 2000mW | 2000mW | 2000mW | 2000mW |
| R7029 | 0 | 0 | 0 | 0 | 0 | 0 |
| R7083 | OPEN | OPEN | 10k | OPEN | OPEN | 10k |
| R7096 | OPEN | OPEN | 10k | OPEN | OPEN | 10k |
| R7097 | OPEN | OPEN | 10k | OPEN | OPEN | 10k |
| R7202 | 27k | 27k | 27k | 27k | 27k | 27k |
| R7203 | 220 | 220 | 220 | 220 | 220 | 220 |
| R7204 | 10k | 10k | 10k | 10k | 10k | 10k |
| R7205 | 1k | 1k | 1k | 1k | 1k | 1k |
| R7206 | 10k | 10k | 10k | 10k | 10k | 10k |
| R7207 | 10k | 10k | 10k | 10k | 10k | 10k |
| R7208 | 1k | 1k | 1k | 1k | 1k | 1k |
| R7209 | 1.5k | 1.5k | 1.5k | 1.5k | 1.5k | 1.5k |
| R7210 | 10k | 10k | 10k | 10k | 10k | 10k |
| R7211 | 10k | 10k | 10k | 10k | 10k | 10k |
| R7212 | 47k | 47k | 47k | 47k | 47k | 47k |
| R7213 | 1k | 1k | 1k | 1k | 1k | 1k |
| R47001 | OPEN | OPEN | OPEN | OPEN | OPEN | OPEN |
| IC7001 | DLL0D765Y -19 (etc) | DLL0D765Y -20 (etc) | DLL0D765Y -14 (etc) | DLL0D765Y -21 (etc) | DLL0D765Y -22 (etc) | DLL0D765Y -23 (etc) |

# DIGITAL SIGNAL PWB ASS'Y (10/11)

## SFL0D234A-U2 [LT-37M60BU, LT-37M60ZU]

## LCA10557-67A (SFL-0D234A)

## [LT-37M60BU/P, LT-37M60ZU/P]

DIGITAL INPUT BLOCK

– NOTE –

0 : NRS463J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
0.1 : NCF31CZ-104X
DTA : DTA144EKA-X
DTC : DTC144EKA-X
*1 : NQR0450-001X
*2 : NQR0415-005X
*3 : NQR0498-001X
*4 : NQR0416-001X

IC7001

IC7002

IC7003 SN74LVC2G241T-X

IC7302 OPEN

IC7401 S-8928CLNB-G-W

SHEET15 ACINPOW, TVLINK

SHEET17 LB_PON, PFCLBPR

SHEET10 DIGITAL INPUT BLOCK DIN_SW, LR_SW, DIN_HI

OPEN CN5P

SHEET11 SCL50V, SDA50V

SHEET14 STB_5V

SHEET12 STBUSY

SHEET7 SR_RST, GRCN, RTNCSR

SHEET10 BS_IR

SHEET10,14,17 POW_GOOD

SHEET8 PC_RST

SHEET10 BSHS, BSVS, VFORMSW, OSD_SEL

SHEET11 SHEET7 MComp/DTV, DsyncSW

SHEET14 ADLchP, ADRchP, ADRchM

SHEET14 CONNECTOR PWB ASS'Y CN0001 (SHEET19)

SHEET10,15 SHEET10 SHEET11 SHEET10 DIGITAL INPUT BLOCK SHEET17

SHEET14,15,17 SHEET14 SHEET14,15,17 SHEET14

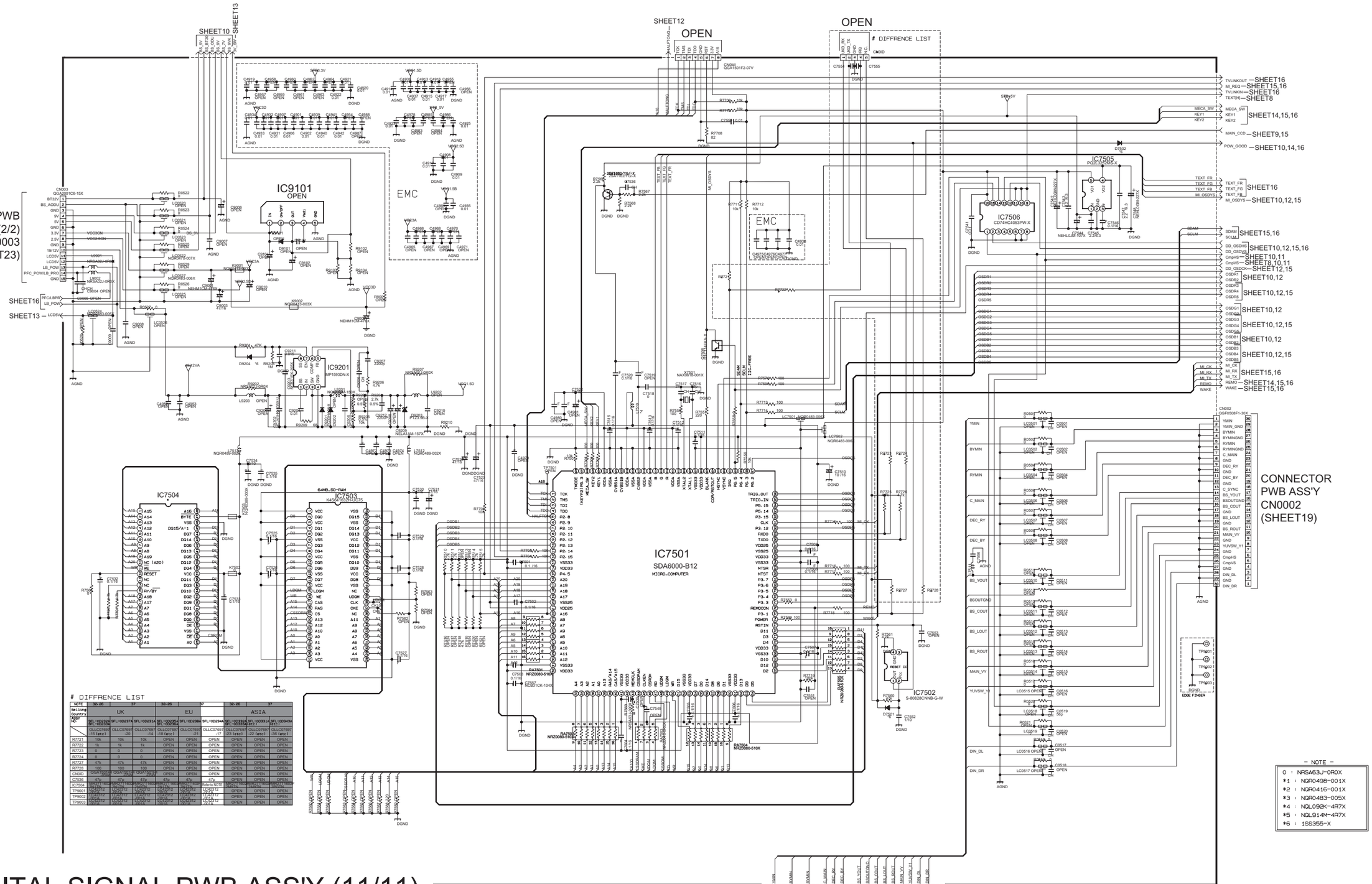
SHEET15,17 SHEET11,12 SHEET17 SHEET15

OPEN OPEN

SHEET15,17 SHEET15,17 SHEET10 SHEET17 SHEET9

SHEET10,12 SHEET11,12 SHEET10,12,15,17 SHEET10

SHEET13,14 SHEET14 SHEET15,17 SHEET12,13




# DIFFRENCE LIST

| NOTE | 30-26 | 37 | 30-26 | 37 | 30-26 | 37 |
|---|---|---|---|---|---|---|
| Setting Country ADJ No. | UK | | EU | | ASIA | |
| | SFL-0D234A (etc) | SFL-0D237A (etc) | SFL-0D235A (etc) | SFL-0D238A (etc) | SFL-0D234A (etc) | SFL-0D231A (etc) |
| | OLLC07697 -15 (etc) | OLLC07697 -20 | OLLC07697 -14 (etc) | OLLC07697 -21 | OLLC07697 -17 (etc) | OLLC07697 -23 (etc) |
| R7721 | 10k | 10k | OPEN | OPEN | OPEN | OPEN |
| R7722 | 1k | 1k | OPEN | OPEN | OPEN | OPEN |
| R7723 | 0 | 0 | OPEN | OPEN | OPEN | OPEN |
| R7724 | 0 | 0 | OPEN | OPEN | OPEN | OPEN |
| R7727 | 47k | 47k | OPEN | OPEN | OPEN | OPEN |
| R7728 | 100 | 100 | OPEN | OPEN | OPEN | OPEN |
| CN2IC | QGA13001C | QGA13002C | QGA13003C | QGA13004C | QGA13005C | QGA13006C |
| C7534 | 47p | 47p | 47p | 47p | 47p | OPEN |
| IC7504 | NRSA63J-0R0X | NRSA63J-0R0X | NRSA63J-0R0X | NRSA63J-0R0X | NRSA63J-0R0X | Refer to NOTE |
| TP9001 | LCA1212 -0014 | LCA1212 -0014 | LCA1212 -0014 | LCA1212 -0014 | LCA1212 -0014 | OPEN |
| TP9002 | LCA1212 -0014 | LCA1212 -0014 | LCA1212 -0014 | LCA1212 -0014 | LCA1212 -0014 | OPEN |
| TP9003 | LCA1212 -0014 | LCA1212 -0014 | LCA1212 -0014 | LCA1212 -0014 | LCA1212 -0014 | OPEN |

# DIGITAL SIGNAL PWB ASS'Y (11/11)

SFL0D234A-U2 [LT-37M60BU, LT-37M60ZU]

LCA10557-67A (SFL-0D234A) [LT-37M60BU/P, LT-37M60ZU/P]

NOTE : Refer to the part list for the part number of IC7504.

c10374002b012_1004_12/12_0.0

DIGITAL SINGAL PWB ASS'Y (7/11)
CN0LV2 (SHEET13)

POWER PWB ASS'Y (2/2)
CN000K (SHEET23)

# PANEL I/F PWB ASS'Y
## SFL0H001A-U2

# DIFFERENCE LIST

| ASSY NO. | SFL-0H001A | SFL-0H002A |
|---|---|---|
| | DLLC05348 | DLLC05349 |
| CS503 | OPEN | 0.1µF/25V-K |
| CS505 | OPEN | 2200/25V-R |
| RS371 | 0 | OPEN |
| RS372 | OPEN | 10k |
| RS373 | 0 | OPEN |
| RS374 | OPEN | 10k |

IC5001
JCC5064

IC5101
MP1593DN-X

IC5111
MP1593DN-X

IC5121
MP1593DN-X

IC5005
S-8520C33A-G-W

IC5002
K4S643232H-UC60

IC5003
K4S643232H-UC60

IC5181
THC63LVD103

IC5172
NAX0837-001X

LCD PANEL UNIT

OPEN

*CONNECTOR PWB CIRCUIT DIAGRAM SHEET 19*

DIGITAL SIGNAL
PWB ASS'Y(10/11)
CN001
(SHEET16)

ANALOG SIGNAL
PWB ASS'Y(2/5)
CN0011
(SHEET3)

CARD PWB ASS'Y(1/2)
CN8CV2
(SHEET25)

RECEIVER
PWB ASS'Y
CNF00T
(SHEET1)

CARD PWB ASS'Y(2/2)
CN8CV1
(SHEET26)

DIGITAL SIGNAL
PWB ASS'Y(11/11)
CN002
(SHEET17)

ANALOG SIGNAL
PWB ASS'Y(2/5)
CN0012
(SHEET3)

UK MODELS
LCA90495-01* SFL-4111A
LCA90495-03* SFL-4113A
MOUNTING

THE MODELS EXCEPT FOR UK
LCA90495-02* SFL-4112A
LCA90495-04* SFL-4114A
OPEN

OPEN

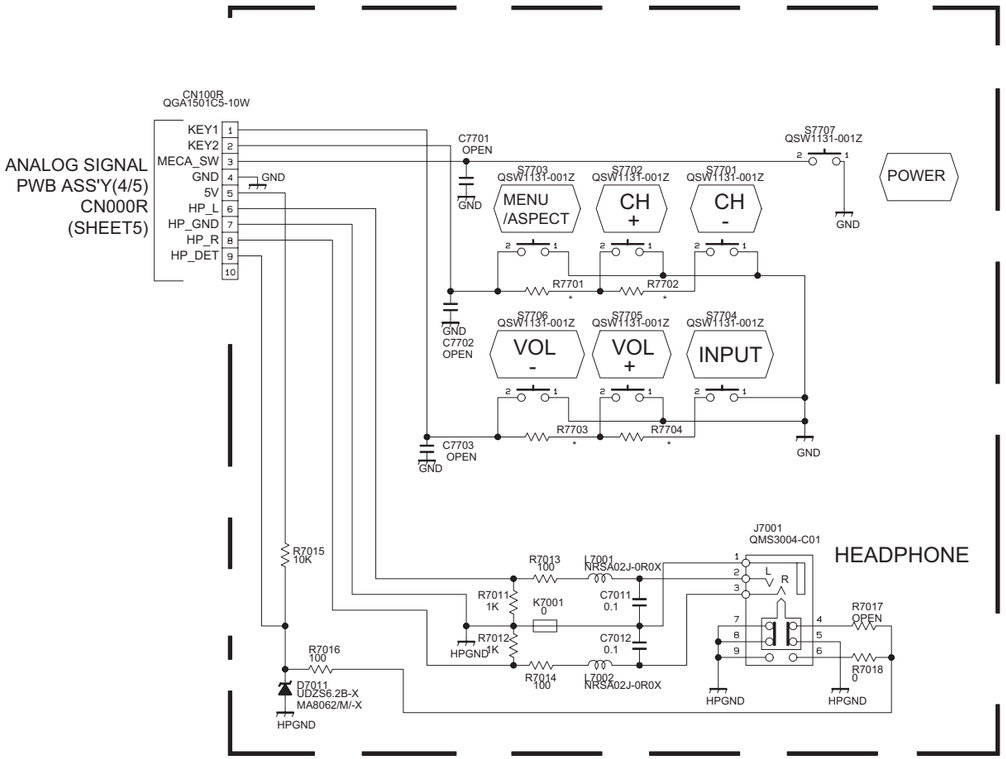
OPEN

# DIFFRENCE LIST

| NOTE | NON CARD VIEWER MODELS | CARD VIEWER MODELS |
|---|---|---|
| ASSY No. | LCA90495-01A SFL-4111A | LCA90495-03A SFL-4113A |
| | LCA90495-02A SFL-4112A | LCA90495-04A SFL-4114A |
| | QLL0903UM-Z-02 | QLL0903UM-Z-04 |
| C4210 | QLL0903UM | OPEN |
| C4211 | QLL0903UM | OPEN |
| C4401 | OPEN | 10/10 |
| C4402 | OPEN | 10/10 |
| C4403 | OPEN | 0 |
| C4404 | OPEN | 0 |
| C4405 | OPEN | 10/10 |
| C4406 | OPEN | 10/10 |
| C4407 | OPEN | 10/10 |
| C4408 | OPEN | 10/10 |
| C4409 | OPEN | 10/10 |
| C4410 | OPEN | 10/10 |
| C4411 | OPEN | 0 |
| C4412 | OPEN | 0 |
| C4413 | OPEN | 0 |
| C4414 | OPEN | 10/10 |
| C4415 | OPEN | 10/10 |
| C4416 | OPEN | 10/10 |
| C4417 | OPEN | 10/10 |
| C4418 | OPEN | 10/10 |
| C4419 | OPEN | 1/10 |
| C4420 | OPEN | 1/10 |
| C4421 | OPEN | .0001 |
| C4501 | OPEN | 0.1/16 |
| R4401 | OPEN | 150 |
| R4402 | OPEN | 150 |
| R4403 | OPEN | 150 |
| R4404 | OPEN | 100 |
| R4405 | 0 | OPEN |
| R4406 | 0 | OPEN |
| R4407 | 0 | OPEN |
| R4408 | 0 | OPEN |
| R4409 | 0 | OPEN |
| R4410 | 0 | OPEN |
| R4501 | OPEN | 100 |
| R4502 | OPEN | 22 |
| R4503 | OPEN | 100 |
| R4504 | OPEN | 22 |
| R4505 | OPEN | 270 |
| R4506 | 0 | OPEN |
| R4507 | 0 | OPEN |
| D4501 | OPEN | MA8033-X |
| IC4401 | OPEN | PQ070XH02Z |
| IC4402 | OPEN | PQ070XH02Z |
| IC4501 | OPEN | PQ070XH12Z |
| IC4502 | OPEN | PQ070XH24Z |
| CN1CV1 | OPEN | QGP01501T-12 |
| CN0CV2 | OPEN | QGP01501T-05 |

# CONNECTOR PWB ASS'Y
## SFL-4114A-U2

c10373001b001_1004_1/1_0.0




# FRONT CONTROL PWB ASS'Y
SFL-7111A-U2

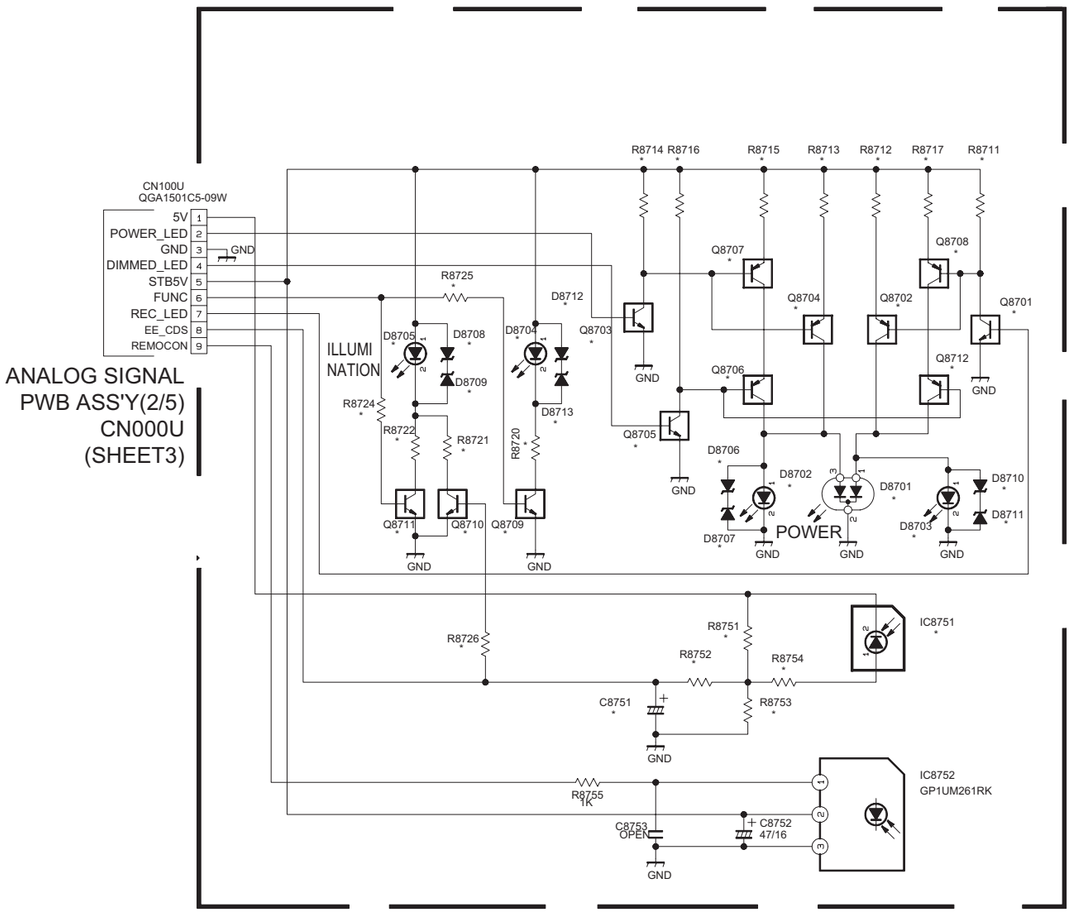
DIFFERENCE LIST

| NOTE | JPN<br>US | UK-DTV<br>EUROPE<br>( non-DTV)<br>ASIA |
|---|---|---|
| INCH | 40/37/32/26<br>40/37/32/26 | 37/32/26<br>37/32/26<br>37/32/26 |
| ASS'Y No. | LCA90469 -01* | LCA90469 -02* |
| | SFL-7101A | SFL-7111A |
| | OLLC07662 | OLLC08307 |
| R7701 | 5.6K | 4.7K |
| R7702 | 15K | 8.2K |
| R7703 | 5.6K | 4.7K |
| R7704 | 15K | 8.2K |

c30156001c001_0930_1/1_0.1







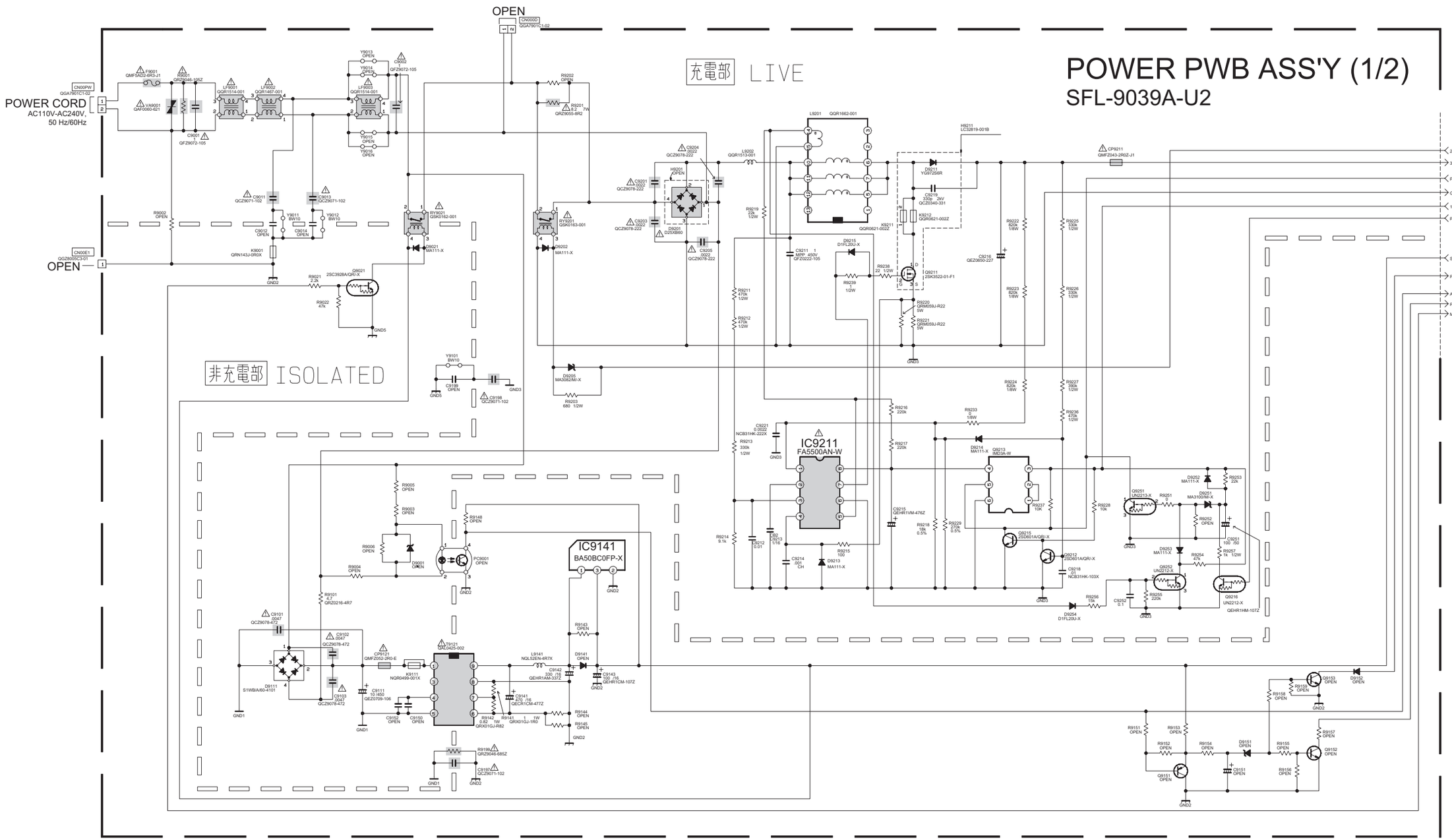

# FRONT LED PWB ASS'Y
SFL-8133A-U2

DIFFERENCE LIST

| NOTE | JPN | UK-DTV | EUROPE ( non-DTV) ASIA | US |
|---|---|---|---|---|
| INCH | 40/37/32/26 | 37/32/26 | 37/32/26<br>37/32/26 | 40/37/32/26 |
| ASS'Y No. | LCA90470 -01* | LCA90470 -02* | LCA90470 -03* | LCA90470 -04* |
| | SFL-8103A | SFL-8113A | SFL-8133A | SFL-8123A |
| | OLLC07666 | OLLC08306 | OLLC08308 | OLLC08322 |
| D8701 | SML72403CT | SML72400CT | OPEN | OPEN |
| D8702 | OPEN | OPEN | SEL5E20C- | SEL5E20C-T |
| D8703 | OPEN | OPEN | OPEN | SEL5920A-T |
| D8704 | OPEN | OPEN | OPEN | OPEN |
| D8705 | OPEN | SEL05E20CT | SEL05E20C | SEL05E20CT |
| D8706 | OPEN | OPEN | MA8068-X | MA8068-X |
| D8707 | OPEN | OPEN | MA8068-X | MA8068-X |
| D8708 | OPEN | MA8068-X | MA8068-X | MA8068-X |
| D8709 | OPEN | MA8068-X | MA8068-X | MA8068-X |
| D8710 | OPEN | OPEN | OPEN | OPEN |
| D8711 | OPEN | OPEN | OPEN | OPEN |
| D8712 | OPEN | OPEN | OPEN | OPEN |
| D8713 | OPEN | OPEN | OPEN | OPEN |
| Q8701 | UN2212-X | UN2212-X | OPEN | UN2212-X |
| Q8702 | UN2110-X | UN2110-X | OPEN | UN2110-X |
| Q8703 | UN2213-X | UN2212-X | UN2212-X | UN2213-X |
| Q8704 | UN2113-X | UN2110-X | UN2110-X | UN2110-X |
| Q8705 | OPEN | OPEN | OPEN | UN2212-X |
| Q8706 | OPEN | OPEN | OPEN | UN2110-X |
| Q8707 | OPEN | OPEN | OPEN | UN2110-X |
| Q8708 | OPEN | OPEN | OPEN | UN2110-X |
| Q8709 | OPEN | OPEN | OPEN | OPEN |
| Q8710 | OPEN | UN2212-X | UN2212-X | UN2212-X |
| Q8711 | OPEN | UN2212-X | UN2212-X | UN2212-X |
| Q8712 | OPEN | OPEN | OPEN | UN2110-X |
| R8711 | 10K | 10K | OPEN | 10K |
| R8712 | 330 | 330 | OPEN | 470 |
| R8713 | 330 | 330 | 330 | 470 |
| R8714 | 10K | 10K | 10K | 10K |
| R8715 | OPEN | OPEN | OPEN | 1K |
| R8716 | OPEN | OPEN | OPEN | 10K |
| R8717 | OPEN | OPEN | OPEN | 1K |
| R8720 | OPEN | OPEN | OPEN | OPEN |
| R8721 | OPEN | 100 | 100 | 100 |
| R8722 | OPEN | 270 | 270 | 270 |
| R8724 | OPEN | 0 | 0 | 0 |
| R8725 | OPEN | OPEN | OPEN | OPEN |
| R8726 | OPEN | 0 | 0 | 0 |
| IC8751 | S9648 | OPEN | OPEN | OPEN |
| R8751 | 100K | OPEN | OPEN | OPEN |
| R8752 | 100 | OPEN | OPEN | OPEN |
| R8753 | 33K | OPEN | OPEN | OPEN |
| R8754 | 15K | OPEN | OPEN | OPEN |
| C8751 | NEHLTEM-220 | OPEN | OPEN | OPEN |

c30157001c001_0930_1/1_0.1

# POWER PWB ASS'Y (1/2)
## SFL-9039A-U2



# POWER PWB ASS'Y (2/2)
## SFL-9039A-U2

LCD PANEL UNIT

LCD PANEL UNIT

CARD PWB ASS'Y (2/2)
CN8CV3
(SHEET26)

OPEN

PANEL I/F PWB ASS'Y
CN5002
(SHEET18)

SHEET24

ANALOG SIGNAL
PWB ASS'Y(5/5)
CN000H
(SHEET6)

DIGITAL SIGNAL
PWB ASS'Y(11/11)
CN003
(SHEET17)

REGULATOR PWB ASS'Y
CN9806
(SHEET24)

REGULATOR PWB ASS'Y
CN9807
(SHEET24)

ANALOG SIGNAL
PWB ASS'Y (4/5)
CN000F
(SHEET5)

SHEET24

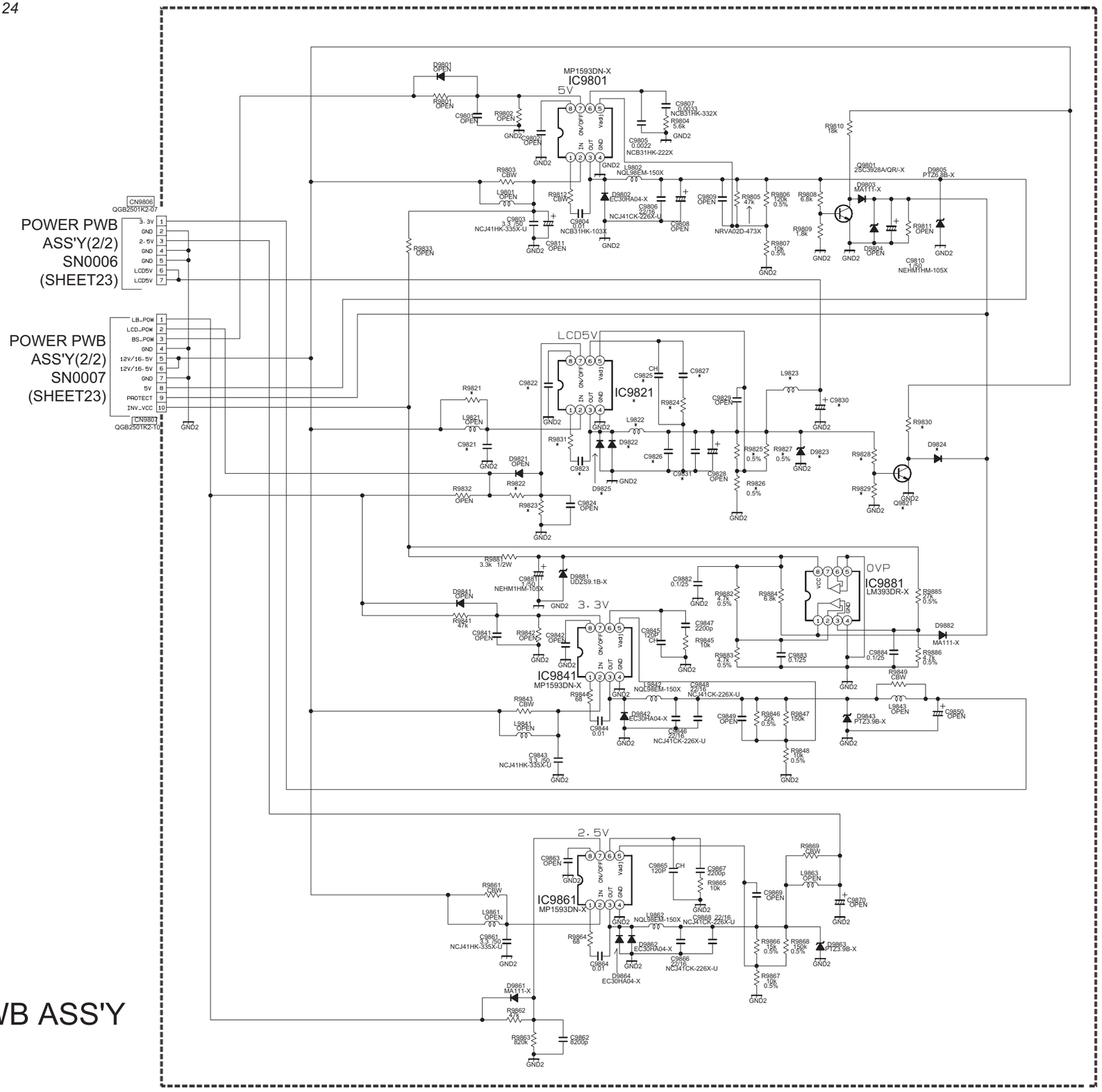
SHEET24

| NOTE | EU, ASIA | UK |
|---|---|---|
| ASSY NO. | SFL-9039A | SFL-9038A |
| | OLLC09342 | OLLC09339 |
| C9608 | OPEN | 100/25 |
| D9610 | OPEN | EC30HA04 |
| IC9603 | OPEN | PQ1CZ38M2Z |
| L9601 | OPEN | NQL68E4M-201X |
| R9602 | OPEN | NRSA02J-000X |
| R9620 | OPEN | 18k 0.5% |
| R9624 | OPEN | 270 |
| R9625 | OPEN | 1.8k 0.5% |
| R9646 | OPEN | NRSA02J-000X |
| R9651 | OPEN | NRSA02J-000X |
| R9663 | OPEN | NRSA02J-000X |
| C9910 | OPEN | 47/50 |

充電部 非充電部

LIVE ISOLATED

c10412001a002_1004_2/2_0.0




# REGULATOR PWB ASS'Y
SFL-9138A-U2

| | SFL-9124A (etc.) | SFL-9138A |
|---|---|---|
| | OLLC08327 (etc.) | OLLC09340 |
| C9821 | NCJ41HK-335X-U | OPEN |
| C9822 | 0.1 | OPEN |
| C9823 | 0.01 | OPEN |
| C9825 | 100p | OPEN |
| C9826 | NCJ41CK-226X-U | OPEN |
| C9827 | 0.01 | OPEN |
| C9830 | NBZ0005 | OPEN |
| C9831 | NCJ41CK-226X-U | OPEN |
| D9822 | EC30HA04-X | OPEN |
| D9823 | PT26.8B-X | OPEN |
| D9824 | MA111-X | OPEN |
| D9825 | EC30HA04-X | OPEN |
| IC9821 | MP1593DN-X | OPEN |
| L9822 | NQL71EM-150X | OPEN |
| L9823 | NQH0505-470X | OPEN |
| Q9821 | 2SC3928A/QR/-X | OPEN |
| R9821 | CBW | OPEN |
| R9822 | 4.7k | OPEN |
| R9823 | 100k | OPEN |
| R9824 | 10k | OPEN |
| R9825 | 47k | OPEN |
| R9826 | 10k | OPEN |
| R9827 | 120k | OPEN |
| R9828 | 6.8k | OPEN |
| R9829 | 1.8k | OPEN |
| R9830 | 18k | OPEN |
| R9831 | CBW | OPEN |

*CARD PWB CIRCUIT DIAGRAM (1/2) SHEET25*

CONNECTOR SIGNAL PWB ASS'Y
CN0CV2 (SHEET19)

IC1001
ES6425FF

IC1002
IC-PST596N/J/-X

IC1003
SN74LVC1G126V-X

IC1201
SN74LVC244APW-X

IC1401
K4S281632F-UC75
SDRAM

FLASH_MEMORY

CF CARD
SLOT

FOR DATA WRITE

# CARD PWB ASS'Y (1/2)
SFL-8512A-U2

SHEET25

SHEET25

FOR ADJUST

CONNECTOR
PWB ASSY
CN1CV1
(SHEET19)

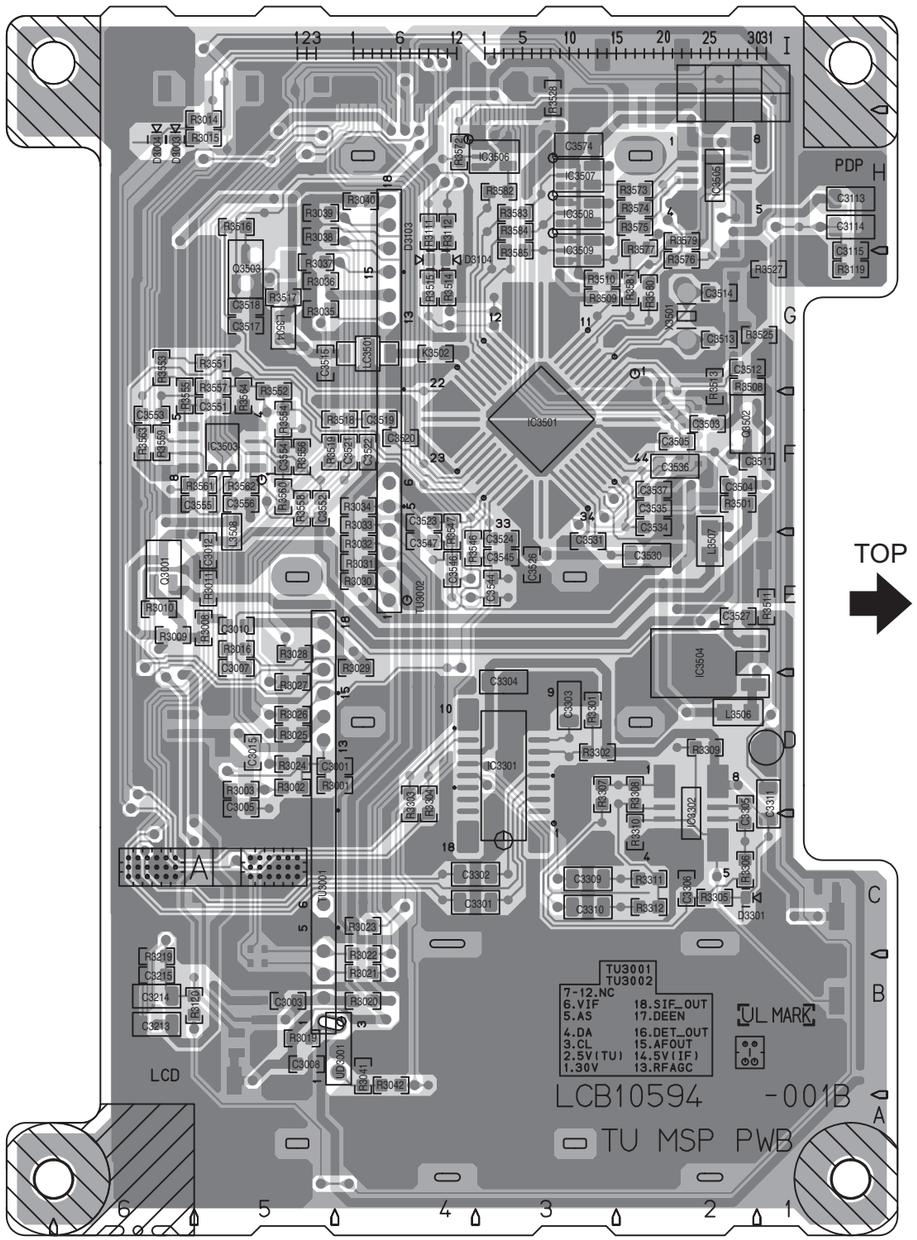
SHEET25

POWER
PWB ASS'Y(2/2)
CN0CV3
(SHEET23)

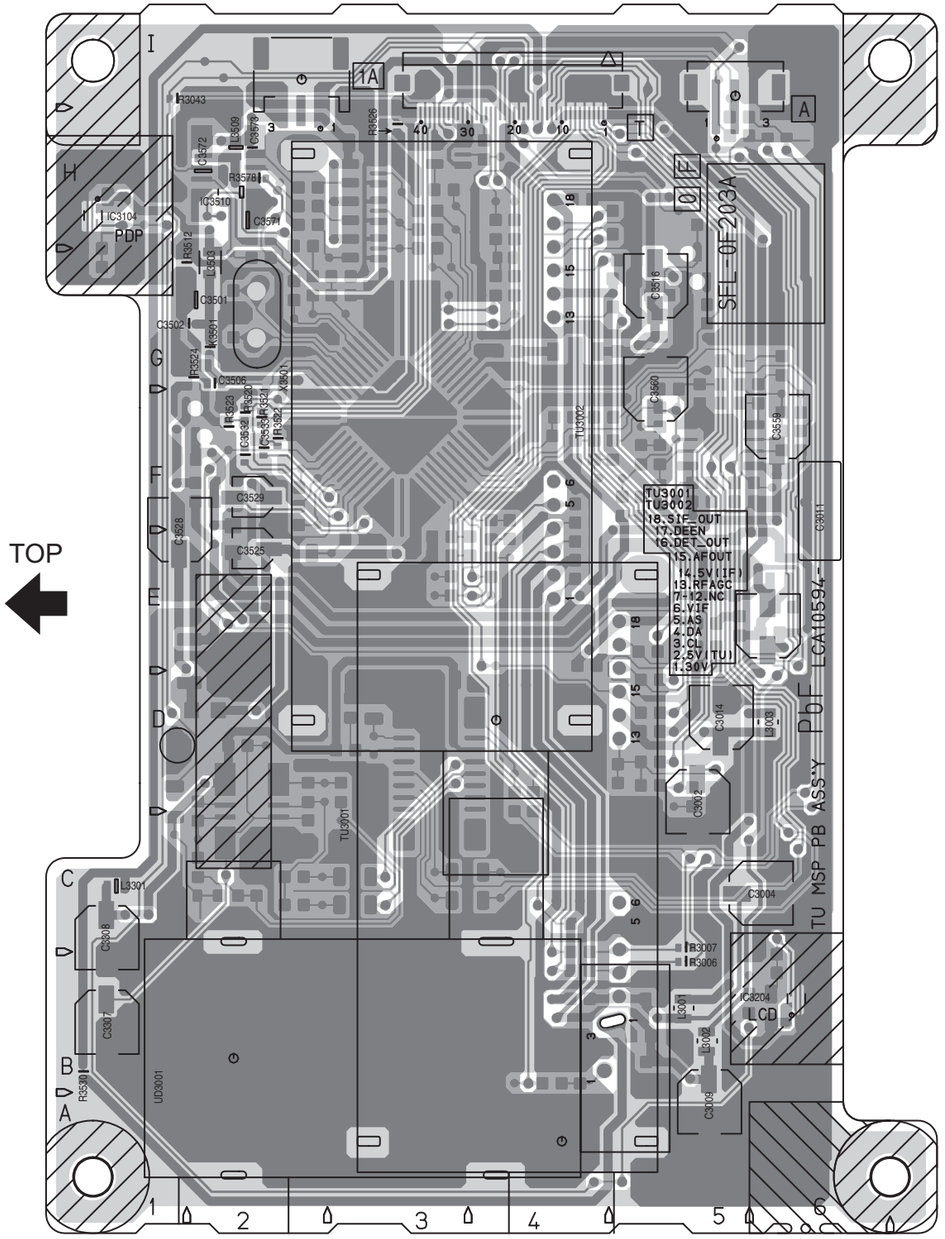
# CARD PWB ASS'Y (2/2)
## SFL-8512A-U2

# PATTERN DIAGRAMS

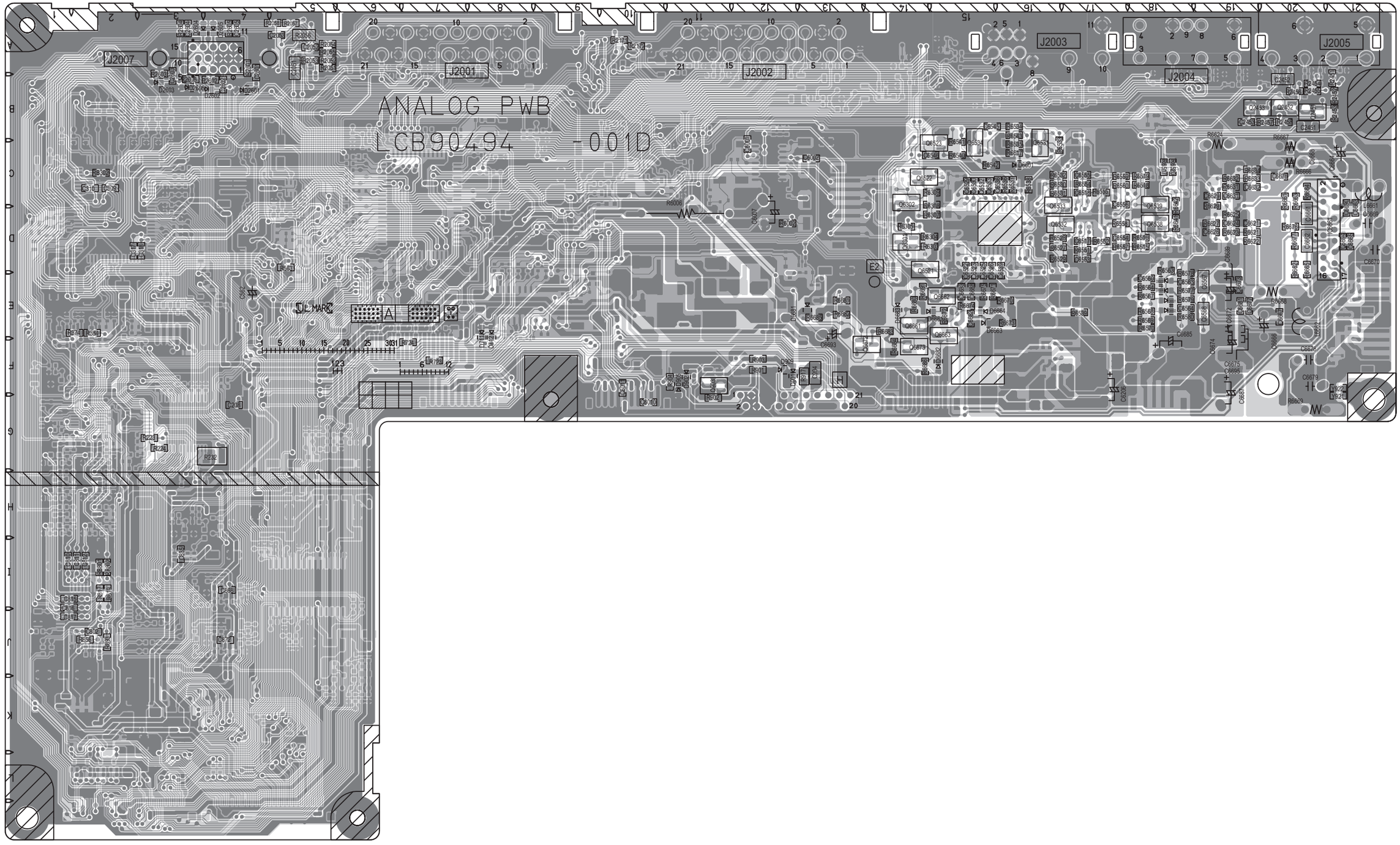
*RECEIVER PWB PATTERN [SOLDER SIDE]*



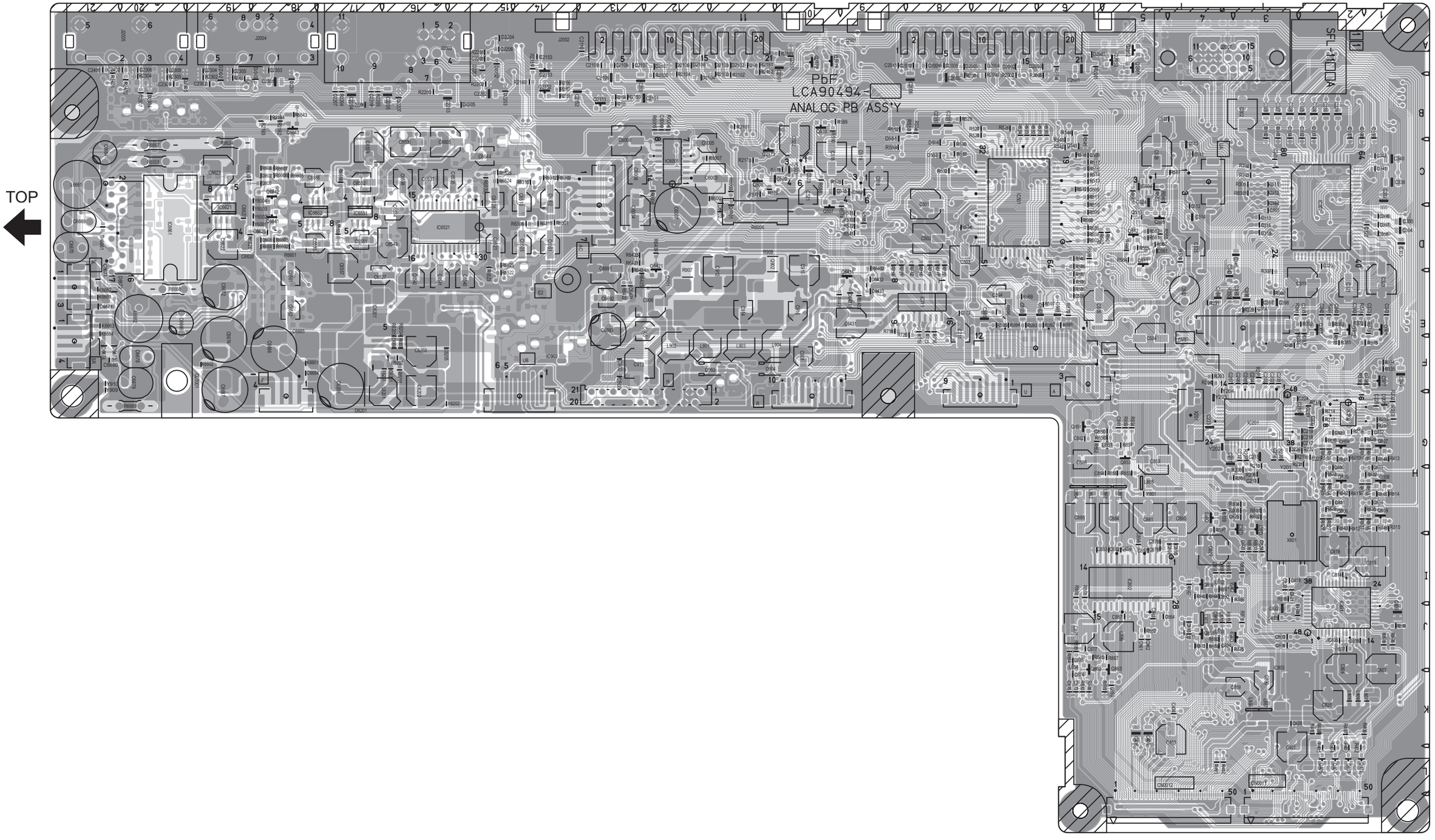

*RECEIVER PWB PATTERN [PARTS SIDE]*



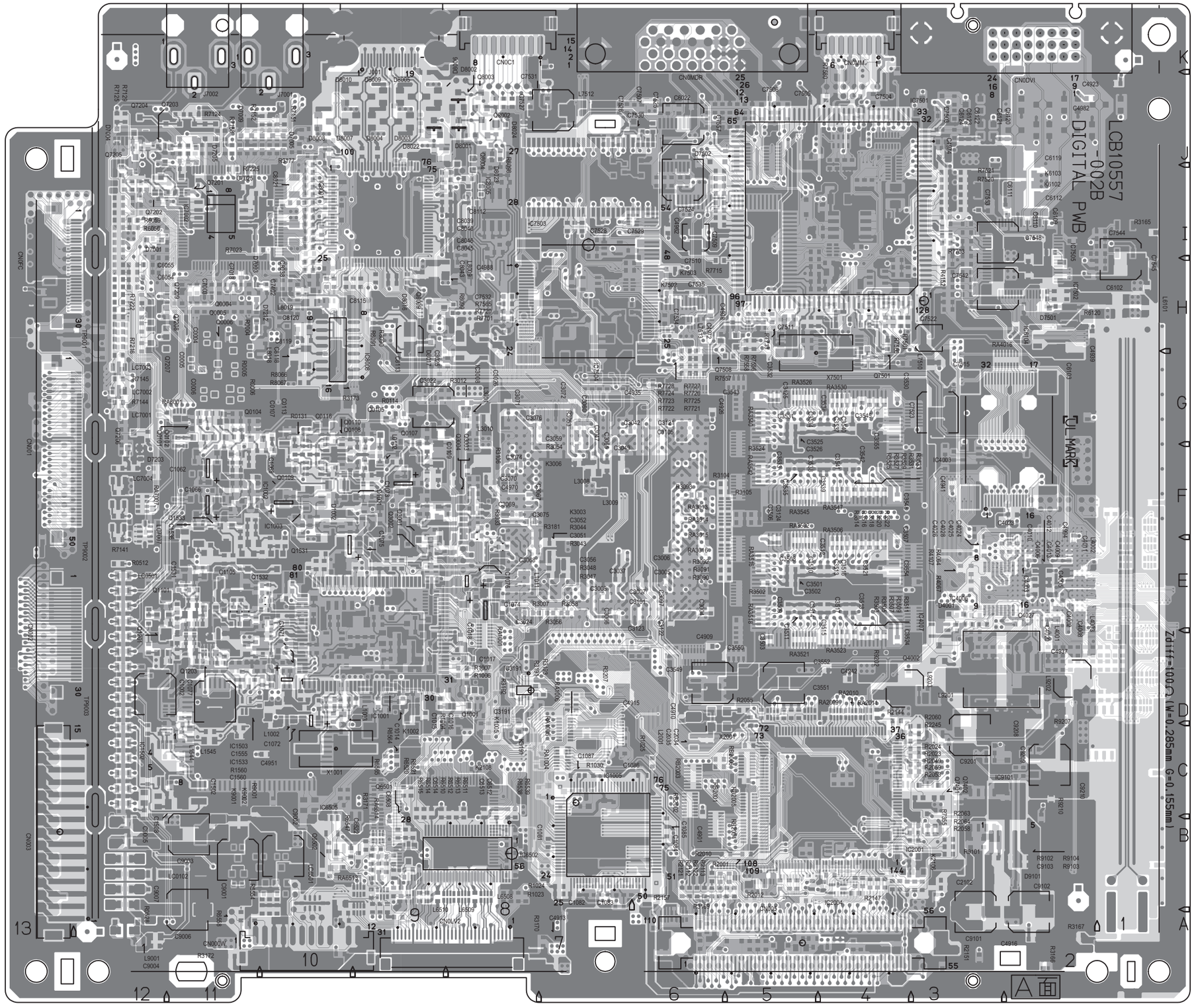
*ANALOG SIGNAL PWB PATTERN [SOLDER SIDE]*



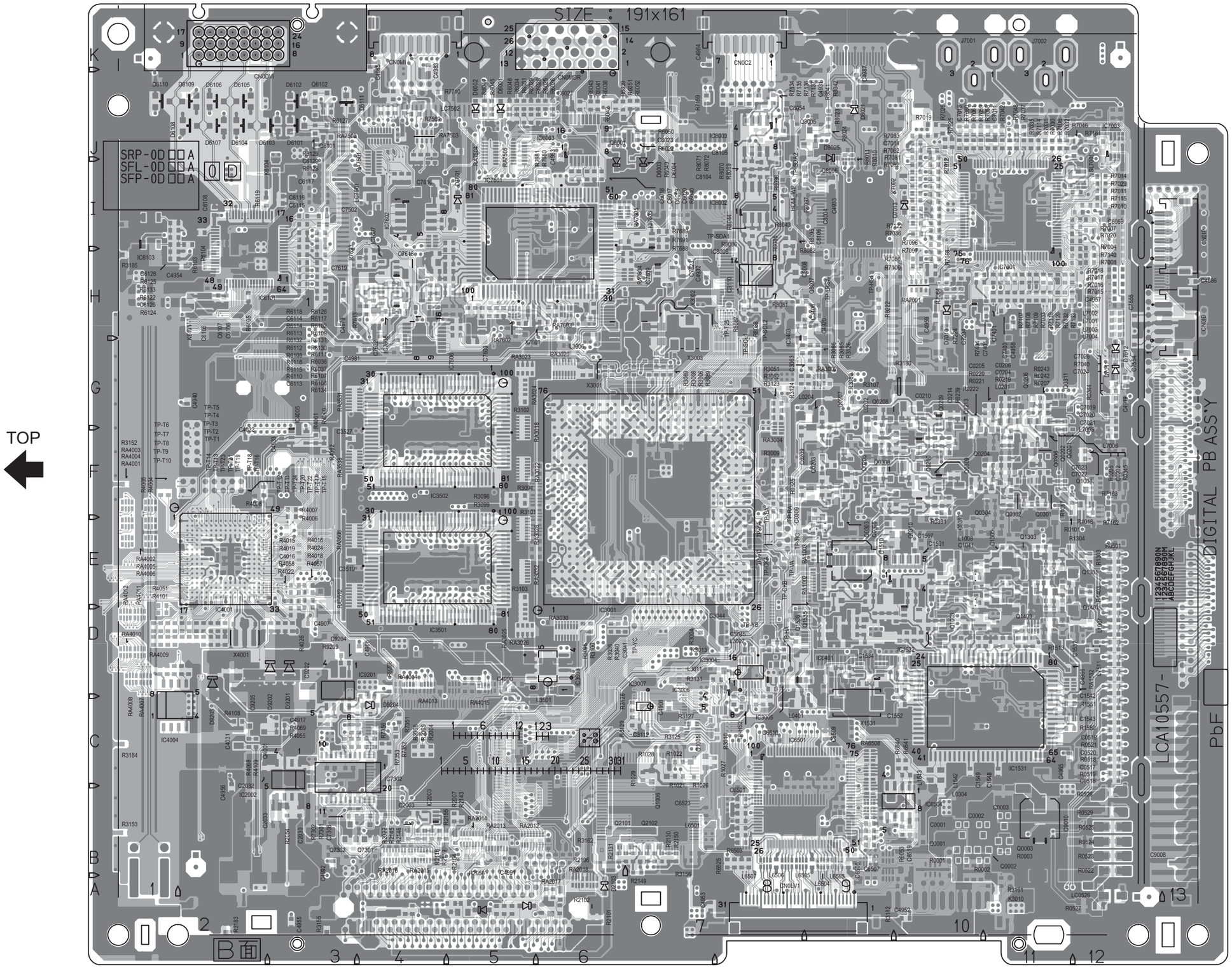
*ANALOG SIGNAL PWB PATTERN [PARTS SIDE]*



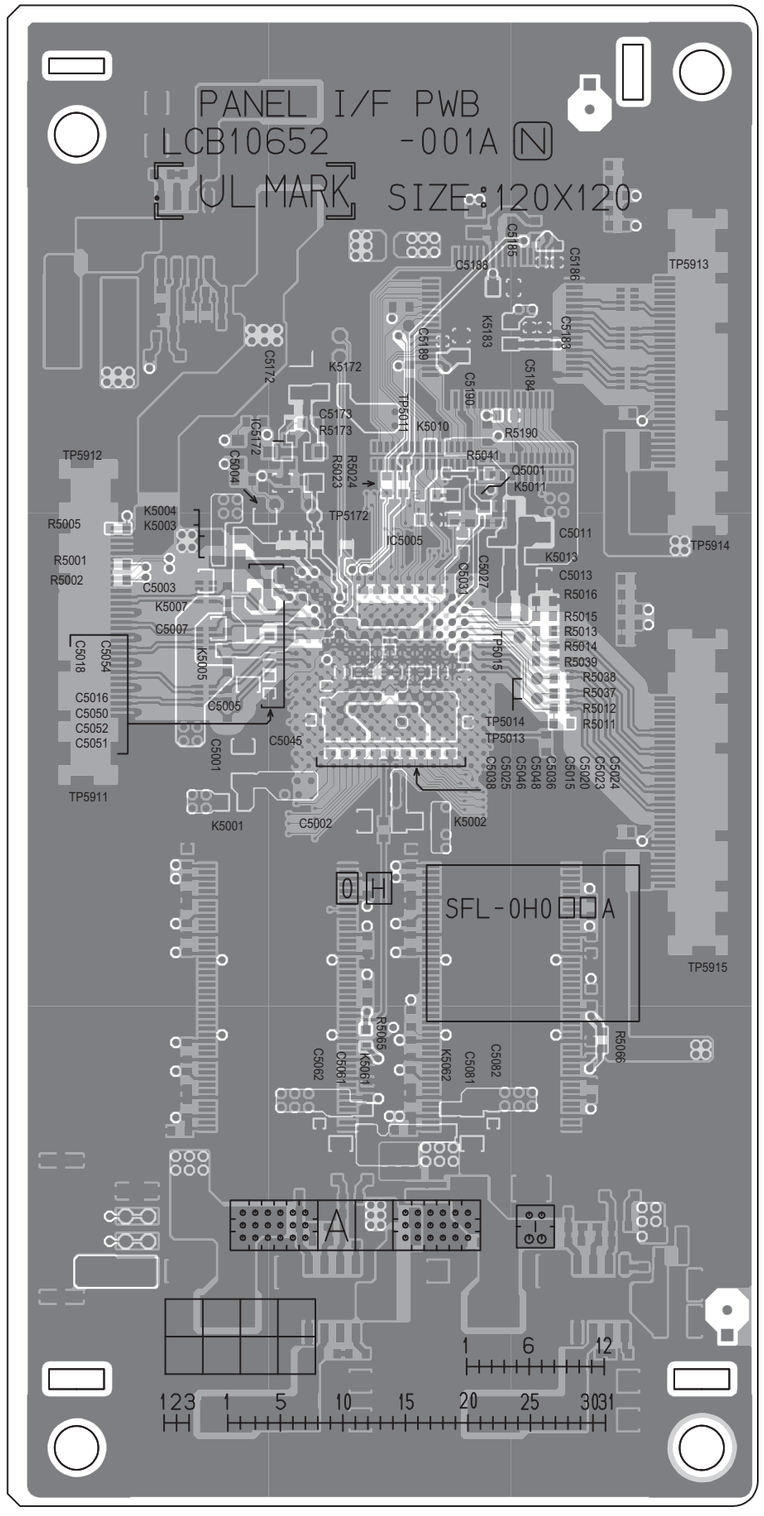
*DIGITAL SIGNAL PWB PATTERN [SOLDER SIDE]*



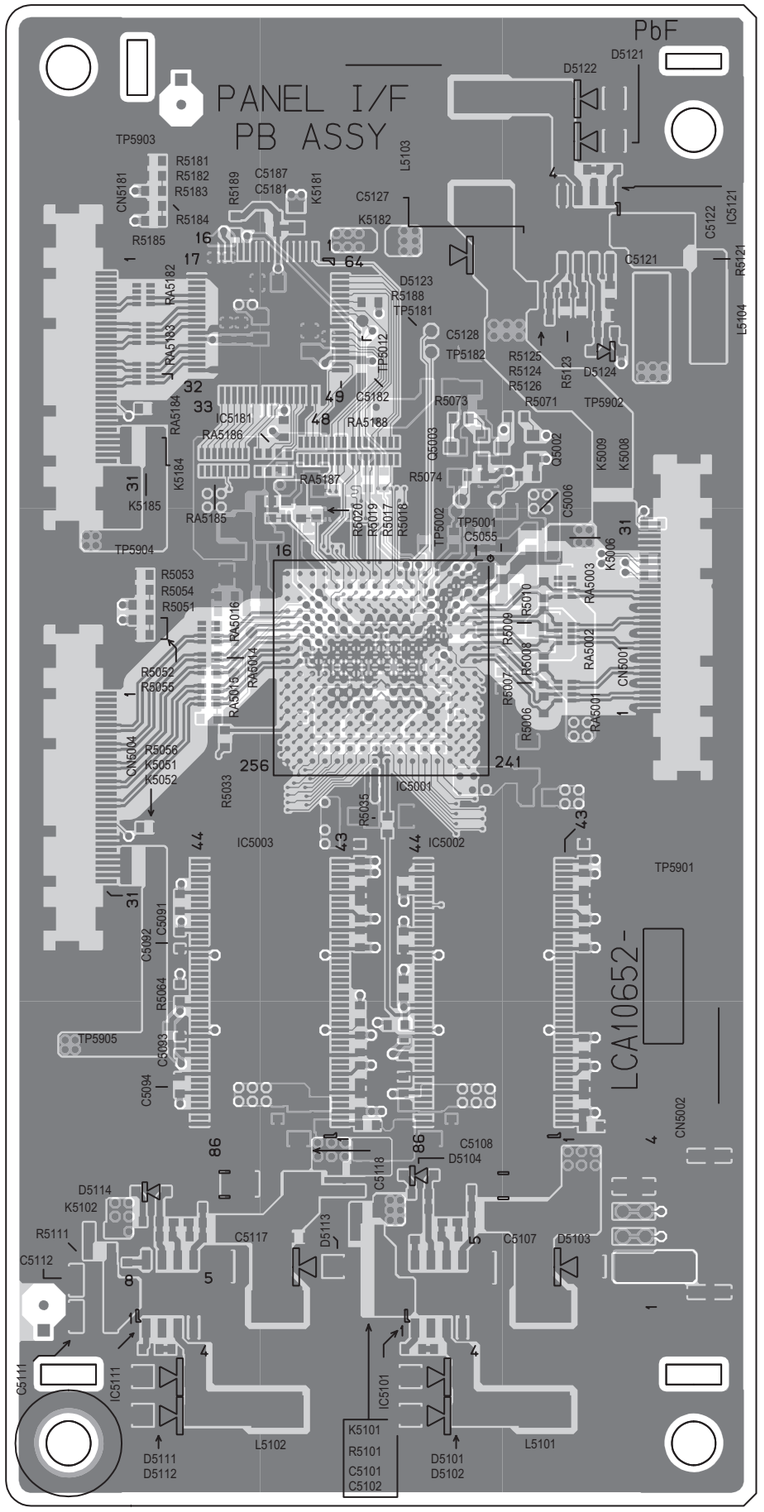
*DIGITAL SIGNAL PWB PATTERN [PARTS SIDE]*



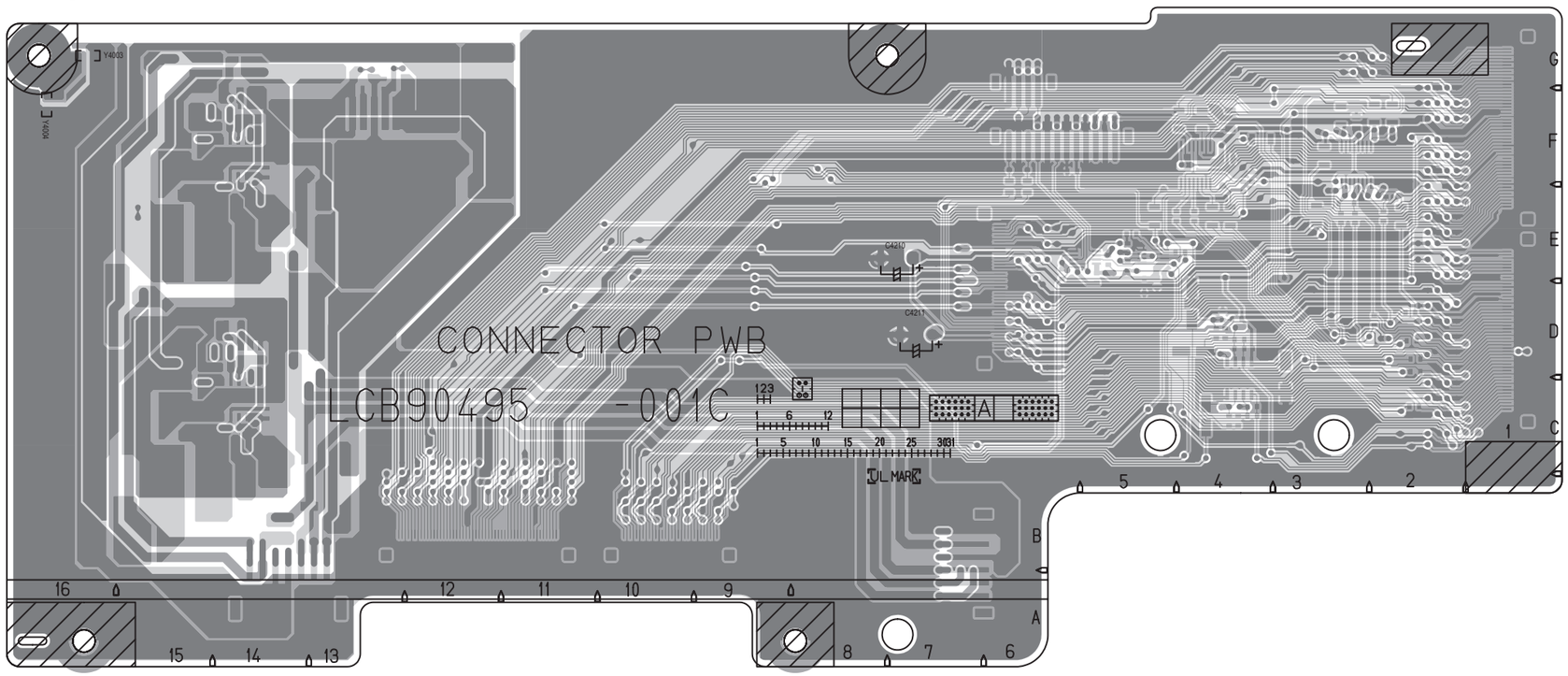
*PANEL I/F PWB PATTERN [SOLDER SIDE]*



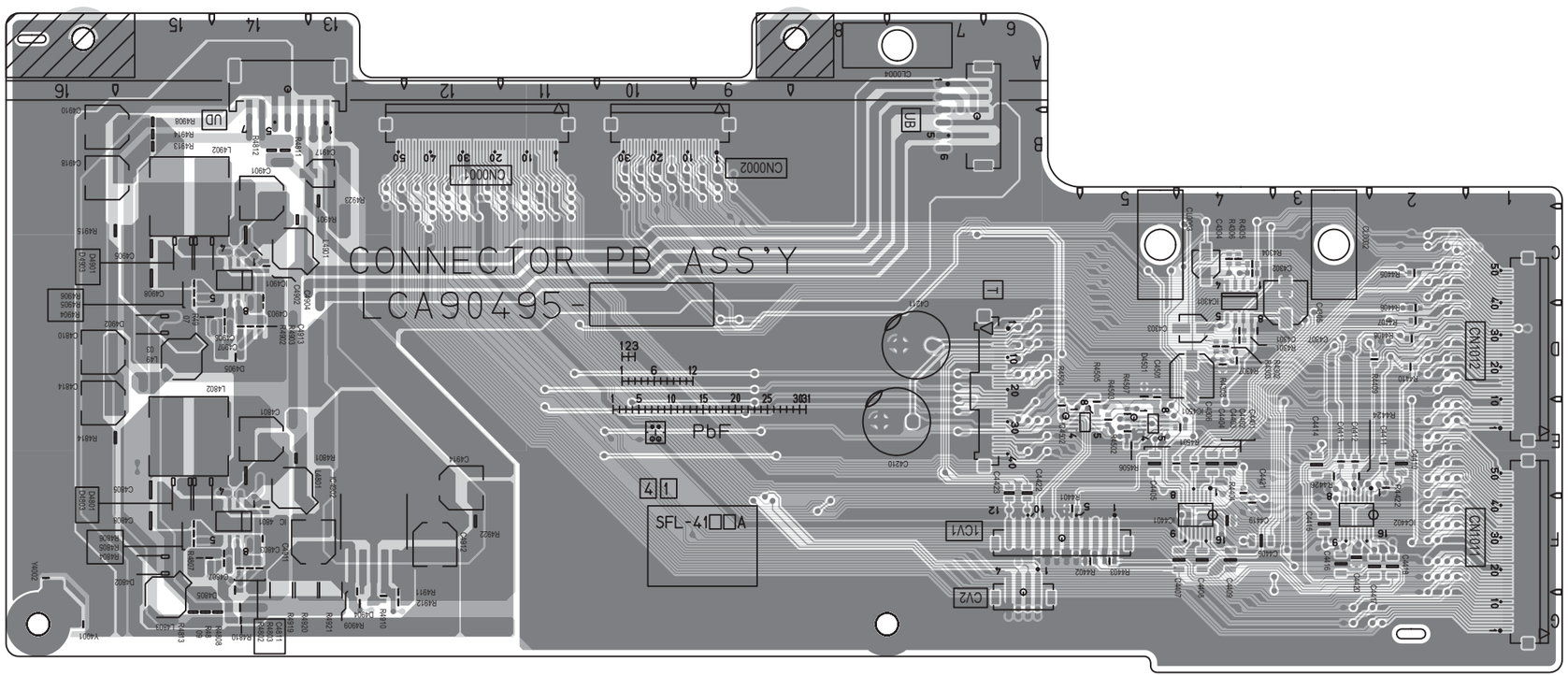

*PANEL I/F PWB PATTERN [PARTS SIDE]*



*CONNECTOR PWB PATTERN [SOLDER SIDE]*

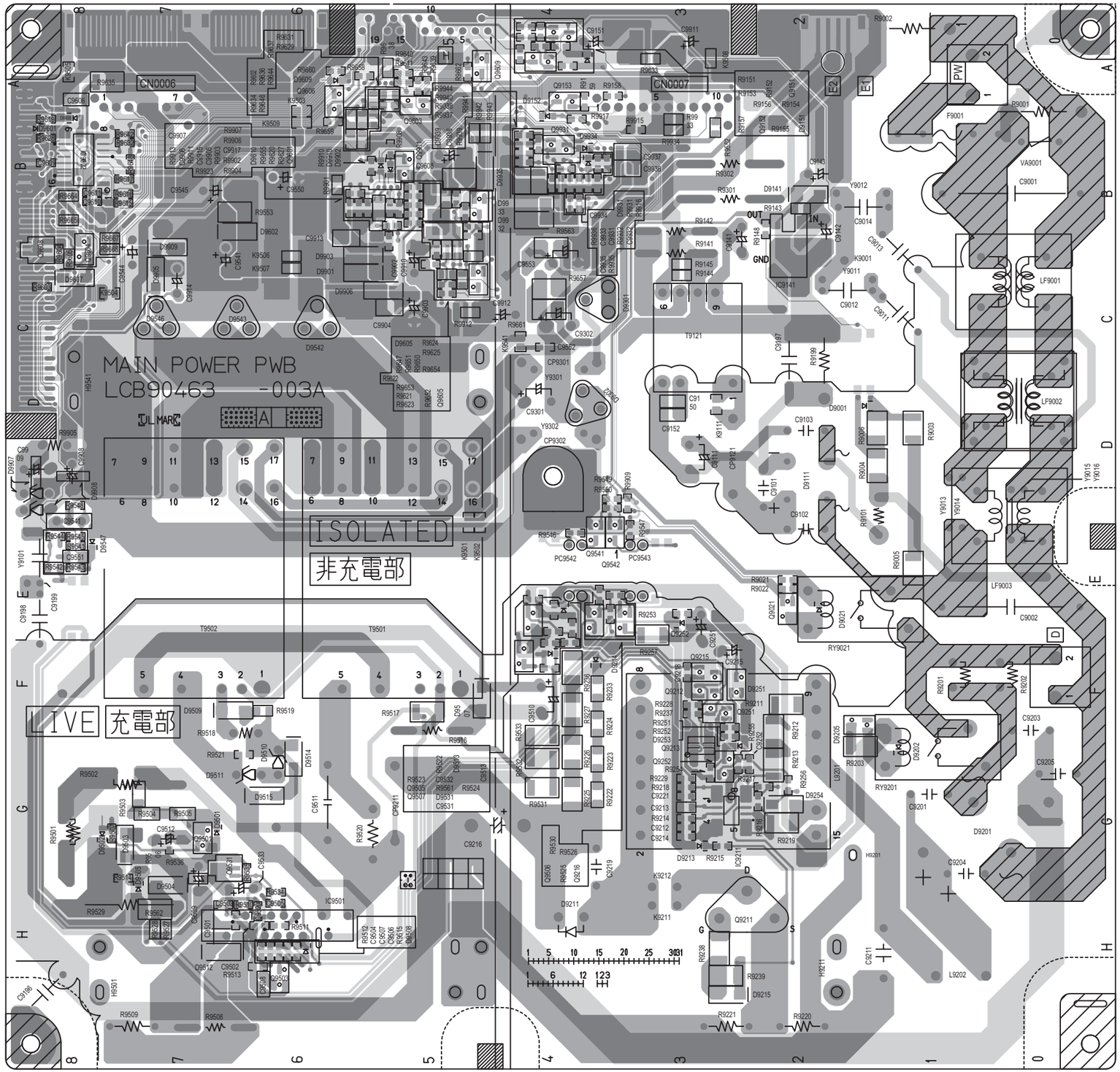



*CONNECTOR PWB PATTERN [PARTS SIDE]*

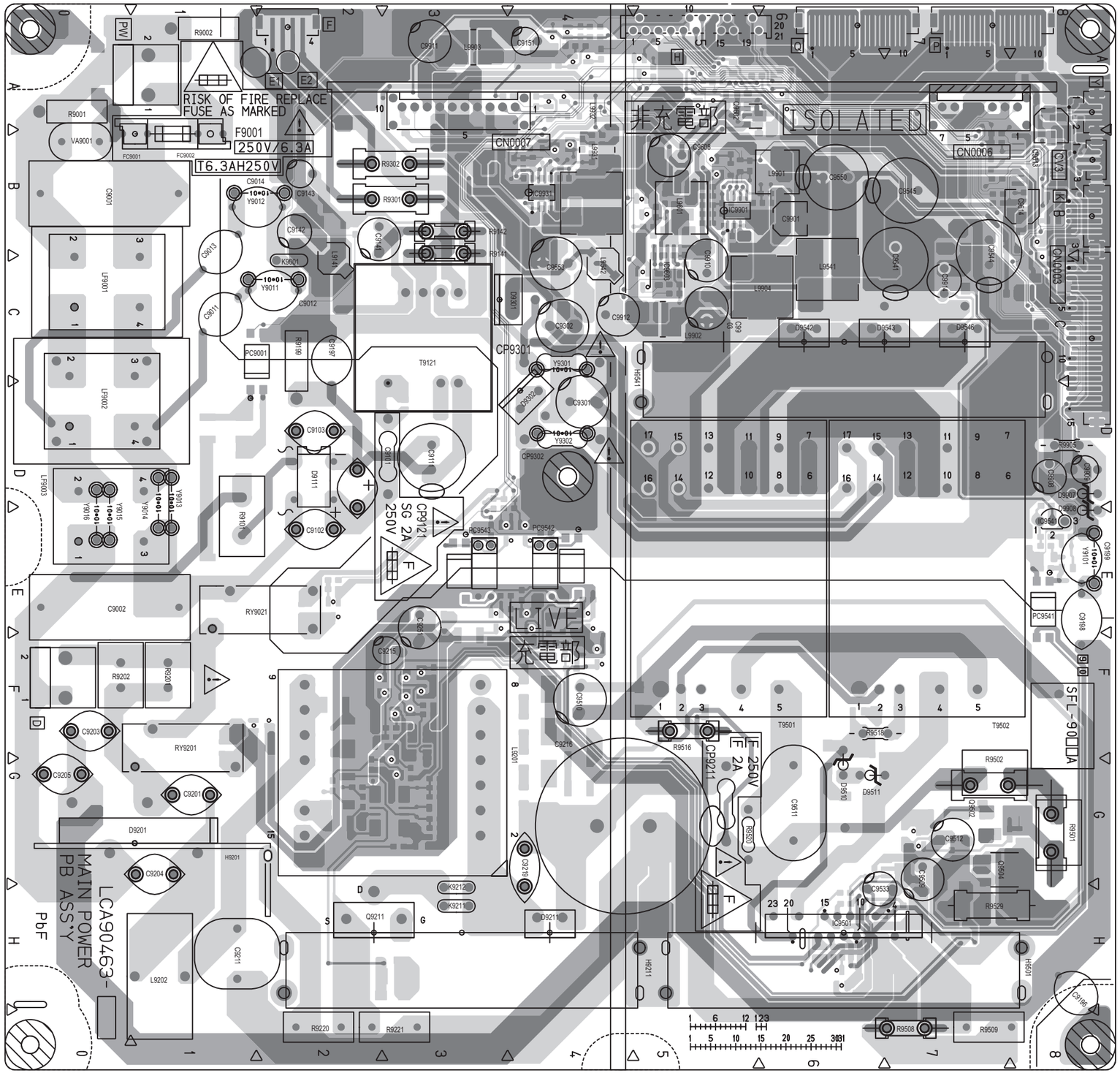


*POWER PWB PATTERN [SOLDER SIDE]*

TOP

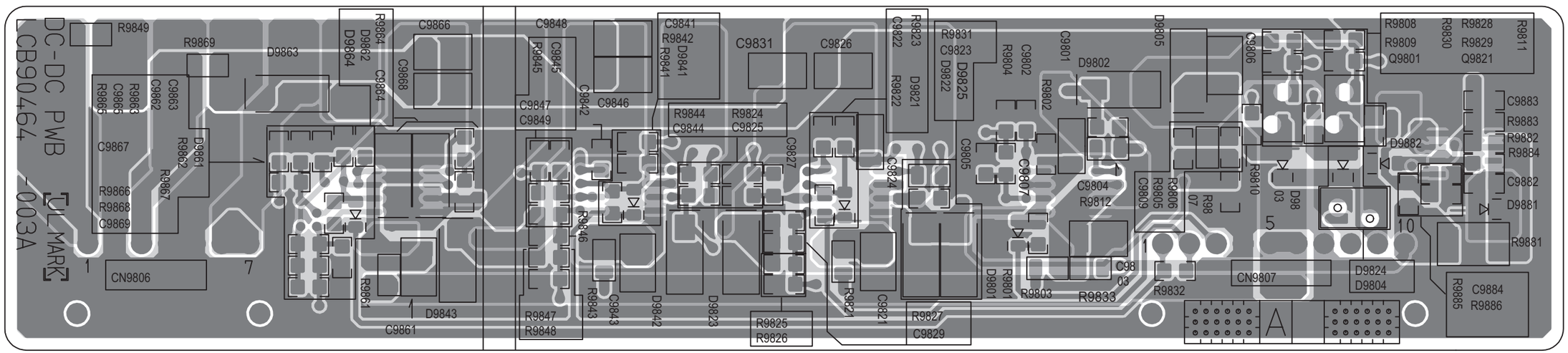


*POWER PWB PATTERN [PARTS SIDE]*

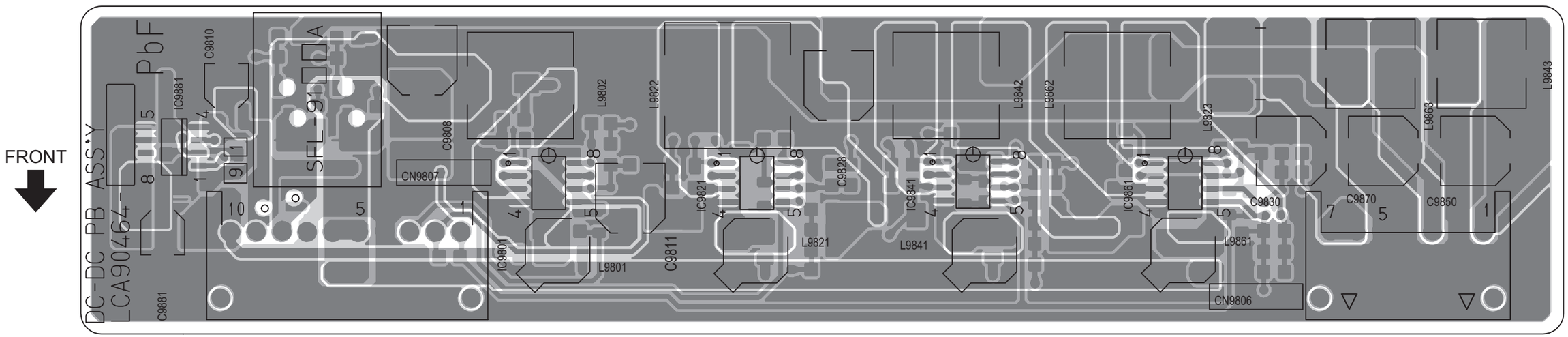



TOP

*REGULATOR PWB PATTERN [SOLDER SIDE]*

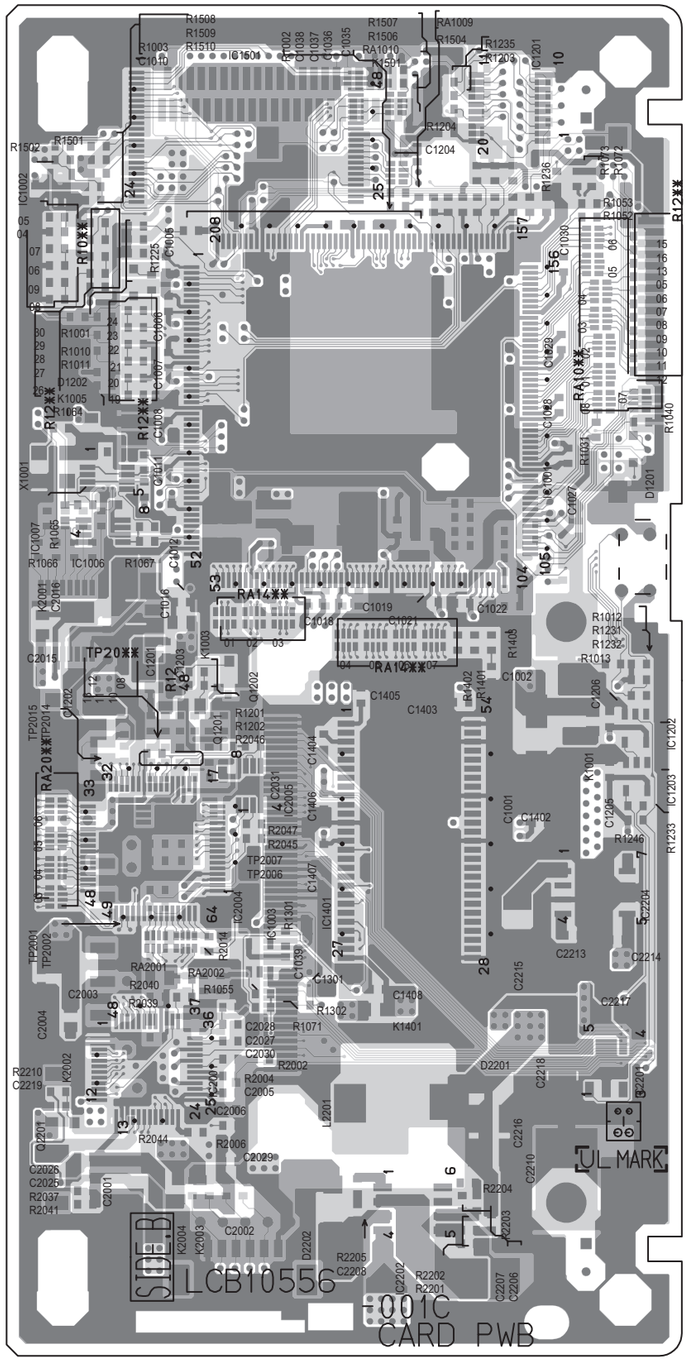



*REGULATOR PWB PATTERN [PARTS SIDE]*



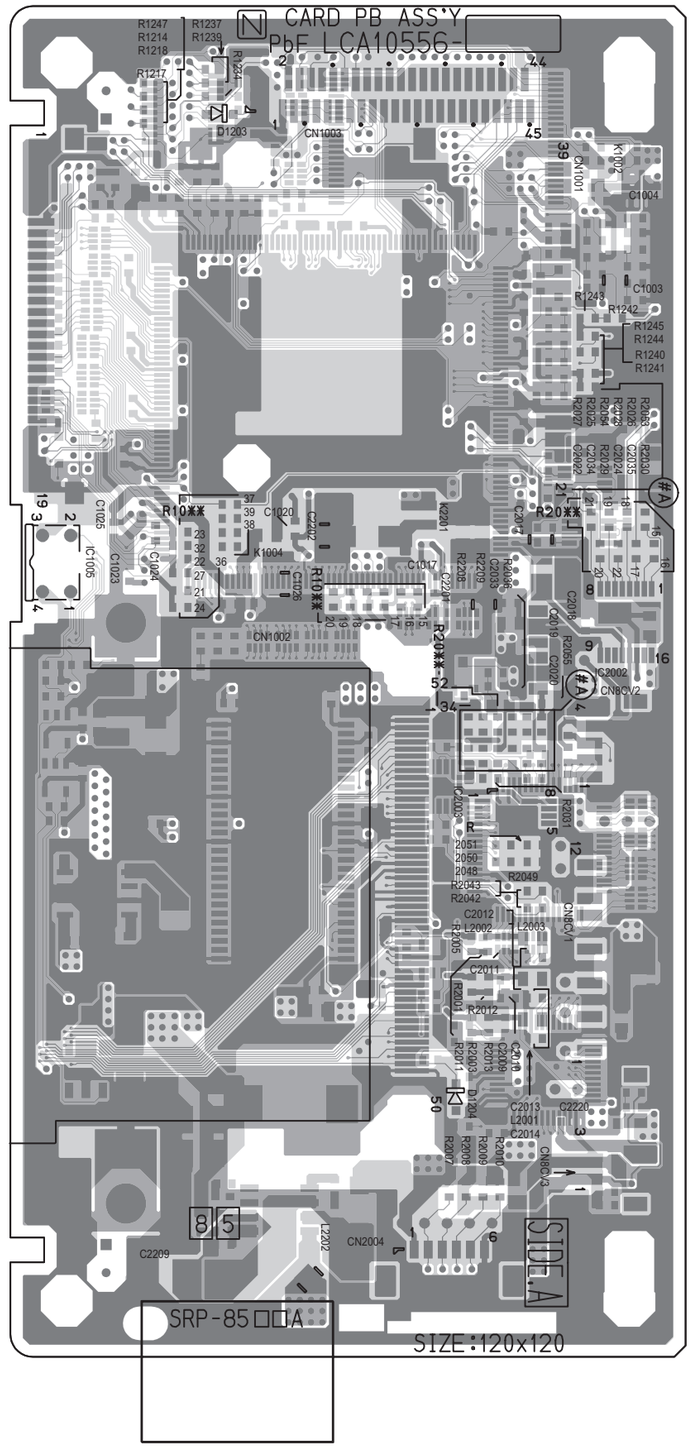
*CARD PWB PATTERN [SOLDER SIDE]*

TOP

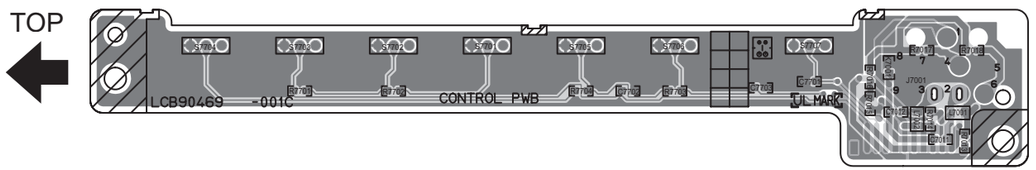



*CARD PWB PATTERN [PARTS SIDE]*

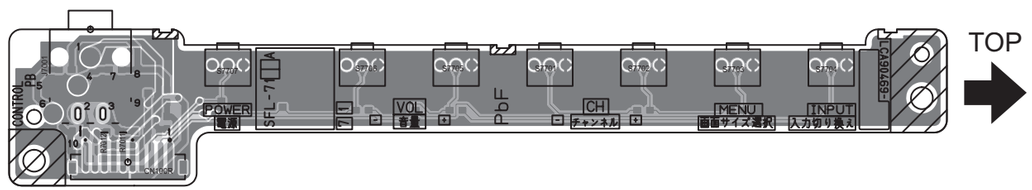
TOP



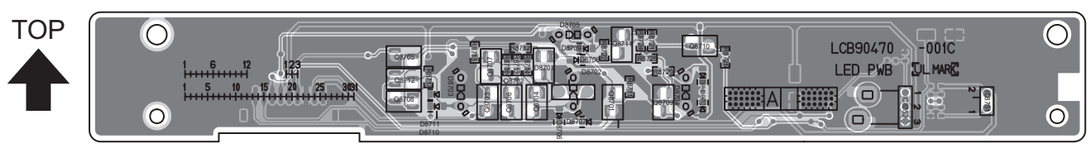
*FRONT CONTROL PWB PATTERN [SOLDER SIDE]*



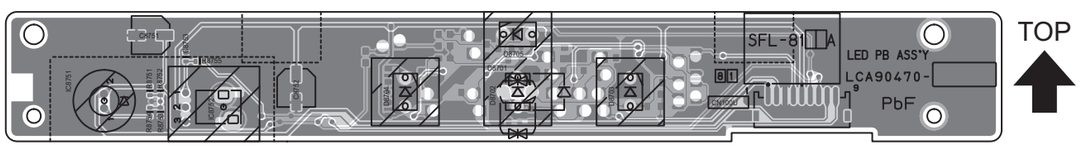

*FRONT CONTROL PWB PATTERN [PARTS SIDE]*




*FRONT LED PWB PATTERN [SOLDER SIDE]*




*FRONT LED PWB PATTERN [PARTS SIDE]*



# VOLTAGE CHARTS

<RECIEVER PWB>

[P.2-9 - P.2-10]

| MODE PIN NO. | DC (V) |
|---|---|
| IC3501 | |
| 1 | 5.0 |
| 2 | 1.5 |
| 3 | 1.5 |
| 4 | 0 |
| 5 | 2.2 |
| 6 | 2.3 |
| 7 | 0.3 |
| 8 | 0 |
| 9 | 0 |
| 10 | 2.5 |
| 11 | 5.1 |
| 12 | 4.9 |
| 13 | 4.9 |
| 14 | 2.2 |
| 15 | 2.5 |
| 16 | 1.2 |
| 17 | 1.2 |
| 18 | 0.3 |
| 19 | 5.0 |
| 20 | 0 |
| 21 | 0.4 |
| 22 | 5.0 |
| 23 | 0 |
| 24 | 0 |
| 25 | 0 |
| 26 | 2.0 |
| 27 | 2.1 |
| 28 | 0 |
| 29 | 0 |
| 30 | 3.8 |
| 31 | 3.8 |
| 32 | 0 |
| 33 | 8.0 |
| 34 | 6.4 |
| 35 | 0 |
| 36 | 3.7 |
| 37 | 3.8 |
| 38 | 3.8 |
| 39 | 0 |
| 40 | 3.8 |
| 41 | 3.7 |
| 42 | 2.6 |
| 43 | 3.8 |
| 44 | 0 |
| IC3503 | |
| 1 | 4.5 |
| 2 | 0 |
| 3 | 4.4 |
| 4 | 0 |
| 5 | 4.4 |
| 6 | 4.5 |
| 7 | 4.4 |
| 8 | 8.9 |
| IC3504 | |
| 1 | 8.9 |
| 2 | 0 |
| 3 | 7.9 |
| IC3505 | |
| 1 | 0.2 |
| 2 | 1.2 |
| 3 | 1.1 |
| 4 | 0 |
| 5 | 0 |
| 6 | 0 |
| 7 | 0.6 |
| 8 | 2.5 |
| IC3506 | |
| 1 | 0 |
| 2 | 0.6 |
| 3 | 0 |
| 4 | 1.2 |
| 5 | 5.1 |
| IC3507 | |
| 1 | 0 |
| 2 | 1.2 |
| 3 | 0 |
| 4 | 0.6 |
| 5 | 2.5 |
| IC3508 | |
| 1 | 0 |
| 2 | 2.5 |
| 3 | 0 |
| 4 | 1.2 |
| 5 | 2.4 |
| IC3509 | |
| 1 | 0 |
| 2 | 2.2 |
| 3 | 0 |
| 4 | 1.1 |
| 5 | 2.5 |
| IC3510 | |
| 1 | 2.5 |
| 2 | 0 |
| 3 | 5.1 |
| 4 | 5.1 |

| MODE PIN NO. | DC (V) |
|---|---|
| Q3001 | |
| E | 2.1 |
| C | 9.0 |
| B | 2.8 |
| Q3502 | |
| E | 0 |
| C | 9.0 |
| B | 0 |
| Q3503 | |
| E | 0 |
| C | 5.0 |
| B | 0 |

<ANALOG SIGNAL PWB>

[P.2-11 - P.2-12]

| MODE PIN NO. | DC (V) |
|---|---|
| IC501 | |
| 1 | 4.1 |
| 2 | 4.4 |
| 3 | 4.3 |
| 4 | 4.4 |
| 5 | 4.4 |
| 6 | 0 |
| 7 | 0 |
| 8 | 3.9 |
| 9 | 4.4 |
| 10 | 3.9 |
| 11 | 4.4 |
| 12 | 4.4 |
| 13 | 0 |
| 14 | 0 |
| 15 | 3.8 |
| 16 | 4.4 |
| 17 | 3.9 |
| 18 | 4.4 |
| 19 | 4.4 |
| 20 | 0 |
| 21 | 0 |
| 22 | 4.2 |
| 23 | 4.4 |
| 24 | 3.9 |
| 25 | 4.4 |
| 26 | 4.4 |
| 27 | 0 |
| 28 | 4.8 |
| 29 | 4.4 |
| 30 | 3.9 |
| 31 | 4.4 |
| 32 | 8.9 |
| 33 | 4.8 |
| 34 | 4.9 |
| 35 | 0 |
| 36 | 3.7 |
| 37 | 4.4 |
| 38 | 4.4 |
| 39 | 3.6 |
| 40 | 4.4 |
| 41 | 3.5 |
| 42 | 8.9 |
| 43 | 4.4 |
| 44 | 4.2 |
| 45 | 4.4 |
| 46 | 3.6 |
| 47 | 4.3 |
| 48 | 0 |
| 49 | 4.8 |
| 50 | 4.4 |
| 51 | 4.4 |
| 52 | 4.4 |
| 53 | 4.3 |
| 54 | 4.4 |
| 55 | 3.6 |
| 56 | 4.0 |
| 57 | 0 |
| 58 | 4.2 |
| 59 | 4.4 |
| 60 | 3.9 |
| 61 | 4.4 |
| 62 | 4.4 |
| 63 | 4.8 |
| 64 | 4.4 |
| IC502 | |
| 1 | 2.7 |
| 2 | 2.8 |
| 3 | 8.9 |
| 4 | 2.6 |
| 5 | 0 |
| 6 | 9.0 |
| IC503 | |
| 1 | 4.3 |
| 2 | 2.7 |
| 3 | 9.0 |
| 4 | 2.5 |
| 5 | 0 |
| 6 | 3.0 |

| MODE PIN NO. | DC (V) |
|---|---|
| Q507 | |
| E | 3.6 |
| C | 0 |
| B | 3.0 |
| Q508 | |
| E | 2.7 |
| C | 0 |
| B | 2.1 |
| Q510 | |
| E | 2.4 |
| C | 0 |
| B | 1.8 |
| Q2051 | |
| E | 0 |
| C | 0 |
| B | 0 |
| Q2052 | |
| E | 0 |
| C | 0 |
| B | 0 |
| Q2053 | |
| E | 0 |
| C | 0 |
| B | 0 |
| Q2151 | |
| E | 0 |
| C | 0 |
| B | 0 |
| Q2152 | |
| E | 0 |
| C | 0 |
| B | 0 |
| Q2153 | |
| E | 0 |
| C | 0 |
| B | 0 |
| Q2171 | |
| E | 4.9 |
| C | 4.5 |
| B | 0 |
| Q2172 | |
| E | 0 |
| C | 4.9 |
| B | 0 |
| Q2173 | |
| E | 0 |
| C | 0 |
| B | 3.7 |
| Q2451 | |
| E | 0 |
| C | 0 |
| B | 0 |
| Q2452 | |
| E | 0 |
| C | 0 |
| B | 0 |
| Q2453 | |
| E | 0 |
| C | 0 |
| B | 0 |

[P.2-13 - P.2-14]

| MODE PIN NO. | DC (V) |
|---|---|
| IC711 | |
| 1 | 5.2 |
| 2 | 0 |
| 3 | 4.6 |
| 4 | 4.6 |
| 5 | 0.2 |
| 6 | 4.3 |
| 7 | 0 |
| 8 | 0 |
| 9 | 5.2 |
| 10 | 5.2 |
| 11 | 5.2 |
| 12 | 5.2 |
| 13 | 0 |
| 14 | 4.6 |
| 15 | 4.8 |
| 16 | 5.2 |
| IC801 | |
| 1 | 2.4 |
| 2 | 1.9 |
| 3 | 1.4 |
| 4 | 0.2 |
| 5 | 2.4 |
| 6 | 5.1 |
| 7 | 2.6 |
| 8 | 0 |
| 9 | 0.3 |
| 10 | 0.8 |
| 11 | 2.5 |
| 12 | 5.1 |
| 13 | 4.8 |
| 14 | 4.8 |
| 15 | 0 |

| MODE PIN NO. | DC (V) |
|---|---|
| 16 | 0 |
| 17 | 0 |
| 18 | 0 |
| 19 | 0 |
| 20 | 2.5 |
| 21 | 1.7 |
| 22 | 1.9 |
| 23 | 1.9 |
| 24 | 0 |
| 25 | 2.6 |
| 26 | 2.6 |
| 27 | 2.5 |
| 28 | 0 |
| 29 | 0 |
| 30 | 0 |
| 31 | 0 |
| 32 | 5.1 |
| 33 | 2.6 |
| 34 | 2.6 |
| 35 | 2.6 |
| 36 | 0 |
| 37 | 5.1 |
| 38 | 4.1 |
| 39 | 1.8 |
| 40 | 3.3 |
| 41 | 2.0 |
| 42 | 4.7 |
| 43 | 1.8 |
| 44 | 2.1 |
| 45 | 5.1 |
| 46 | 2.1 |
| 47 | 3.9 |
| 48 | 1.8 |
| IC802 | |
| 1 | 1.3 |
| 2 | 3.2 |
| 3 | 5.1 |
| 4 | 2.5 |
| 5 | 0 |
| 6 | 0 |
| 7 | 2.4 |
| 8 | 0 |
| 9 | 0 |
| 10 | 0 |
| 11 | 5.0 |
| 12 | 0 |
| 13 | 5.1 |
| 14 | 0 |
| 15 | 4.6 |
| 16 | 4.7 |
| 17 | 0 |
| 18 | 0 |
| 19 | 2.4 |
| 20 | 5.1 |
| 21 | 0 |
| 22 | 2.9 |
| 23 | 2.9 |
| 24 | 3.4 |
| 25 | 3.4 |
| 26 | 0 |
| 27 | 3.5 |
| 28 | 1.7 |
| Q402 | |
| S | 3.1 |
| D | 3.1 |
| G | 4.9 |
| Q403 | |
| S | 3.1 |
| D | 3.0 |
| G | 4.7 |
| Q404 | |
| S | 3.1 |
| D | 3.3 |
| G | 5.1 |
| Q405 | |
| S | 3.1 |
| D | 3.1 |
| G | 5.1 |
| Q801 | |
| E | 2.7 |
| C | 0 |
| B | 2.1 |
| Q802 | |
| E | 2.5 |
| C | 0 |
| B | 1.9 |
| Q804 | |
| E | 1.5 |
| C | 5.1 |
| B | 2.2 |
| Q805 | |
| E | 1.6 |
| C | 5.1 |
| B | 2.2 |

| MODE PIN NO. | DC (V) |
|---|---|
| Q806 | |
| E | 1.5 |
| C | 5.2 |
| B | 2.1 |
| Q807 | |
| E | 1.5 |
| C | 5.1 |
| B | 2.2 |
| Q808 | |
| E | 1.5 |
| C | 5.1 |
| B | 2.2 |
| Q809 | |
| E | 1.6 |
| C | 5.2 |
| B | 2.2 |
| Q810 | |
| E | 2.0 |
| C | 0 |
| B | 1.2 |
| Q851 | |
| E | 1.6 |
| C | 0 |
| B | 1.0 |
| Q853 | |
| E | 2.0 |
| C | 9.0 |
| B | 2.7 |
| Q854 | |
| E | 2.6 |
| C | 9.0 |
| B | 3.2 |
| Q855 | |
| E | 2.0 |
| C | 0 |
| B | 1.3 |
| Q858 | |
| E | 3.1 |
| C | 9.0 |
| B | 3.8 |
| Q859 | |
| E | 3.7 |
| C | 0 |
| B | 3.1 |
| Q862 | |
| E | 0.9 |
| C | 4.1 |
| B | 1.6 |
| Q863 | |
| E | 3.5 |
| C | 5.1 |
| B | 4.1 |

[P.2-15 - P.2-16]

| MODE PIN NO. | DC (V) |
|---|---|
| IC201 | |
| 1 | 0.3 |
| 2 | 0 |
| 3 | 2.9 |
| 4 | 0 |
| 5 | 2.3 |
| 6 | 0 |
| 7 | 0 |
| 8 | 1.8 |
| 9 | 0 |
| 10 | 2.9 |
| 11 | 0 |
| 12 | 0 |
| 13 | 0 |
| 14 | 2.3 |
| 15 | 0 |
| 16 | 1.8 |
| 17 | 0 |
| 18 | 4.6 |
| 19 | 4.6 |
| 20 | 0 |
| 21 | 4.3 |
| 22 | 3.4 |
| 23 | 0 |
| 24 | 0 |
| 25 | 1.5 |
| 26 | 1.4 |
| 27 | 0 |
| 28 | 0 |
| 29 | 0 |
| 30 | 0 |
| 31 | 5.1 |
| 32 | 1.6 |
| 33 | 0 |
| 34 | 2.1 |
| 35 | 2.5 |
| 36 | 2.2 |
| 37 | 0 |
| 38 | 0 |
| 39 | 0 |
| 40 | 1.7 |

| MODE PIN NO. | DC (V) |
|---|---|
| 41 | 0 |
| 42 | 5.1 |
| 43 | 0 |
| 44 | 0 |
| 45 | 1.8 |
| 46 | 5.1 |
| 47 | 2.2 |
| 48 | 0 |
| IC202 | |
| 1 | 0 |
| 2 | 5.1 |
| 3 | 0 |
| 4 | 0 |
| 5 | 0 |
| 6 | 0 |
| 7 | 0.1 |
| 8 | 0 |
| 9 | 0.3 |
| 10 | 0 |
| 11 | 0.2 |
| 12 | 0.3 |
| 13 | 0 |
| 14 | 0 |
| 15 | 0 |
| 16 | 5.0 |
| IC301 | |
| 1 | 5.1 |
| 2 | 4.7 |
| 3 | 4.8 |
| 4 | 0 |
| 5 | 4.3 |
| 6 | 0 |
| 7 | 4.6 |
| 8 | 5.0 |
| 9 | 4.6 |
| 10 | 0.5 |
| 11 | 4.4 |
| 12 | 4.4 |
| 13 | 0 |
| 14 | 4.6 |
| 15 | 0 |
| 16 | 4.6 |
| 17 | 0 |
| 18 | 4.6 |
| 19 | 0.5 |
| 20 | 4.4 |
| 21 | 4.4 |
| 22 | 0 |
| 23 | 4.5 |
| 24 | 4.5 |
| 25 | 0 |
| 26 | 4.3 |
| 27 | 4.3 |
| 28 | 0 |
| 29 | 0 |
| 30 | 4.3 |
| 31 | 8.9 |
| 32 | 4.5 |
| 33 | 4.5 |
| 34 | 0 |
| 35 | 4.5 |
| 36 | 4.5 |
| 37 | 0 |
| 38 | 4.5 |
| 39 | 4.4 |
| 40 | 4.4 |
| 41 | 0.1 |
| 42 | 4.2 |
| 43 | 4.3 |
| 44 | 4.3 |
| 45 | 0 |
| 46 | 4.3 |
| 47 | 8.9 |
| 48 | 4.7 |
| 49 | 0 |
| 50 | 4.7 |
| 51 | 0 |
| 52 | 4.6 |
| 53 | 0 |
| 54 | 4.4 |
| 55 | 4.3 |
| 56 | 0 |
| 57 | 4.7 |
| 58 | 0 |
| 59 | 4.6 |
| 60 | 0 |
| 61 | 4.6 |
| 62 | 0.5 |
| 63 | 4.4 |
| 64 | 4.4 |
| 65 | 0 |
| 66 | 4.6 |
| 67 | 4.6 |
| 68 | 4.6 |
| 69 | 0 |
| 70 | 0 |
| 71 | 4.4 |

| MODE PIN NO. | DC (V) |
|---|---|
| 72 | 0 |
| 73 | 5.2 |
| 74 | 4.6 |
| 75 | 4.6 |
| 76 | 4.6 |
| 77 | 0 |
| 78 | 4.4 |
| 79 | 4.4 |
| 80 | 0 |
| Q301 | |
| E | 3.7 |
| C | 9.0 |
| B | 4.5 |
| Q302 | |
| E | 3.7 |
| C | 8.9 |
| B | 4.5 |
| Q303 | |
| E | 3.7 |
| C | 8.9 |
| B | 4.5 |
| Q307 | |
| E | 2.8 |
| C | 0 |
| B | 2.1 |

[P.2-17 - P.2-18]

| MODE PIN NO. | DC (V) |
|---|---|
| IC6001 | |
| 1 | 8.8 |
| 2 | 3.7 |
| 3 | 0.2 |
| 4 | 0.5 |
| 5 | 4.0 |
| 6 | 4.2 |
| 7 | 0 |
| 8 | 0 |
| 9 | 4.0 |
| 10 | 4.0 |
| 11 | 0.5 |
| 12 | 0.2 |
| 13 | 4.0 |
| 14 | 0 |
| IC6201 | |
| 1 | 16.0 |
| 2 | 3.0 |
| 3 | 12.1 |
| 4 | 2.6 |
| 5 | 0 |
| IC6521 | |
| 1 | 6.1 |
| 2 | 6.2 |
| 3 | 6.1 |
| 4 | 6.1 |
| 5 | 6.0 |
| 6 | 6.1 |
| 7 | 6.1 |
| 8 | 6.1 |
| 9 | 0.9 |
| 10 | 6.1 |
| 11 | 3.0 |
| 12 | 2.9 |
| 13 | 4.9 |
| 14 | 4.5 |
| 15 | 0 |
| 16 | 12.1 |
| 17 | 0 |
| 18 | 0 |
| 19 | 6.1 |
| 20 | 5.8 |
| 21 | 6.1 |
| 22 | 6.1 |
| 23 | 6.1 |
| 24 | 6.1 |
| 25 | 6.1 |
| 26 | 6.1 |
| 27 | 6.1 |
| 28 | 6.1 |
| 29 | 6.1 |
| 30 | 6.1 |
| IC6551 | |
| 1 | 6.3 |
| 2 | 6.2 |
| 3 | 6.1 |
| 4 | 0 |
| 5 | 6.1 |
| 6 | 6.2 |
| 7 | 6.2 |
| 8 | 12.1 |
| IC6552 | |
| 1 | 6.2 |
| 2 | 6.2 |
| 3 | 6.1 |
| 4 | 0 |
| 5 | 6.1 |
| 6 | 6.1 |

| MODE PIN NO. | DC (V) |
|---|---|
| 7 | 6.2 |
| 8 | 12.2 |
| IC6621 | |
| 1 | -10.0 |
| 2 | 0 |
| 3 | 0 |
| 4 | -16.5 |
| 5 | 0 |
| 6 | 0 |
| 7 | -10.0 |
| 8 | 15.3 |
| IC6661 | |
| 1 | -10.0 |
| 2 | -10.4 |
| 3 | 0 |
| 4 | 0 |
| 5 | 16.0 |
| 6 | 11.9 |
| 7 | 0 |
| 8 | -16.5 |
| 9 | -3.8 |
| 10 | -16.5 |
| 11 | 0 |
| 12 | 11.9 |
| 13 | 16.0 |
| 14 | 0 |
| 15 | -4.0 |
| 16 | -10.4 |
| 17 | -10.0 |
| Q6301 | |
| E | 5.3 |
| C | 12.1 |
| B | 5.8 |
| Q6302 | |
| E | 5.3 |
| C | 12.1 |
| B | 5.9 |
| Q6421 | |
| E | 0 |
| C | 5.2 |
| B | 0.2 |
| Q6431 | |
| E | 8.9 |
| C | 0 |
| B | 8.9 |
| Q6521 | |
| E | 0 |
| C | 0 |
| B | -0.4 |
| Q6522 | |
| E | 0 |
| C | 0 |
| B | -0.3 |
| Q6523 | |
| E | 0 |
| C | -0.5 |
| B | 0 |
| Q6531 | |
| E | 0 |
| C | 2.8 |
| B | 0 |
| Q6532 | |
| E | 0 |
| C | 0 |
| B | 0.6 |
| Q6533 | |
| E | 0 |
| C | 0 |
| B | 0.6 |
| Q6534 | |
| E | 0.7 |
| C | 0.6 |
| B | 0 |
| Q6538 | |
| E | 0 |
| C | 0 |
| B | 0 |
| Q6539 | |
| E | 0 |
| C | 0 |
| B | 0 |
| Q6661 | |
| E | 16.0 |
| C | -16.4 |
| B | 16.0 |
| Q6662 | |
| E | -16.5 |
| C | -0.1 |
| B | -16.4 |
| Q6663 | |
| E | 0 |
| C | 16.0 |
| B | 0 |
| Q6673 | |
| E | 11.6 |
| C | 0 |
| B | 12.1 |

[P.2-19 - P.2-20]

| MODE PIN NO. | DC (V) |
|---|---|
| IC902 | |
| 1 | 4.9 |
| 2 | 0 |
| 3 | 3.2 |
| Q901 | |
| E | 12.9 |
| C | 0 |
| B | 9.0 |
| Q902 | |
| E | 5.9 |
| C | 5.2 |
| B | 5.2 |
| Q903 | |
| E | 0 |
| C | 0 |
| B | 0.6 |

<DIGATAL SIGNAL PWB>

[P.2-21 - P.2-22]

| MODE PIN NO. | DC (V) |
|---|---|
| IC1502 | |
| 1 | 4.3 |
| 2 | 0 |
| 3 | 3.6 |
| 4 | 0 |
| 5 | 3.6 |
| 6 | 9.0 |
| 7 | 3.6 |
| 8 | 0 |

[P.2-23 - P.2-24]

| MODE PIN NO. | DC (V) |
|---|---|
| IC0401 | |
| 1 | 3.2 |
| 2 | 0 |
| 3 | 0 |
| 4 | 3.1 |
| 5 | 3.4 |
| Q0101 | |
| E | 2.8 |
| C | 7.8 |
| B | 3.7 |
| Q0102 | |
| E | 8.5 |
| C | 3.6 |
| B | 7.8 |
| Q0104 | |
| E | 4.3 |
| C | 0 |
| B | 3.5 |
| Q0105 | |
| E | 0 |
| C | 0.2 |
| B | 0 |
| Q0107 | |
| E | 1.5 |
| C | 0 |
| B | 0.8 |
| Q0108 | |
| E | 0.8 |
| C | 9.0 |
| B | 1.4 |
| Q0109 | |
| 1 | 1.5 |
| 2 | 0.1 |
| 3 | 1.5 |
| 4 | 1.5 |
| 5 | 0.1 |
| 6 | 1.5 |
| Q0110 | |
| 1 | 0 |
| 2 | 0.6 |
| 3 | 0.6 |
| 4 | 0.1 |
| 5 | 0.5 |
| 6 | 0.1 |
| Q0201 | |
| E | 2.8 |
| C | 7.8 |
| B | 3.5 |
| Q0202 | |
| E | 8.5 |
| C | 3.5 |
| B | 7.8 |
| Q0203 | |
| E | 0 |
| C | 0 |
| B | 0 |
| Q0204 | |
| E | 4.3 |
| C | 0 |
| B | 3.5 |

| MODE PIN NO. | DC (V) |
|---|---|
| Q0205 | |
| E | 0 |
| C | 0.2 |
| B | 0 |
| Q0206 | |
| E | 0 |
| C | 0 |
| B | 0.6 |
| Q0207 | |
| E | 2.4 |
| C | 0 |
| B | 1.7 |
| Q0208 | |
| E | 1.7 |
| C | 9.0 |
| B | 2.4 |
| Q0209 | |
| 1 | 0 |
| 2 | 0 |
| 3 | 2.4 |
| 4 | 2.4 |
| 5 | 0.2 |
| 6 | 2.4 |
| Q0210 | |
| 1 | 0 |
| 2 | 0.4 |
| 3 | 0.6 |
| 4 | 0.2 |
| 5 | 0.6 |
| 6 | 0.2 |
| Q0301 | |
| E | 2.8 |
| C | 7.8 |
| B | 3.5 |
| Q0302 | |
| E | 8.5 |
| C | 3.5 |
| B | 7.8 |
| Q0303 | |
| E | 0 |
| C | 1.9 |
| B | 0 |
| Q0304 | |
| E | 4.3 |
| C | 0 |
| B | 3.6 |
| Q0305 | |
| E | 0 |
| C | 0.2 |
| B | 0 |
| Q0306 | |
| E | 0 |
| C | 0 |
| B | 0.6 |
| Q0307 | |
| E | 2.4 |
| C | 0 |
| B | 1.9 |
| Q0308 | |
| E | 1.8 |
| C | 9.0 |
| B | 2.4 |
| Q0309 | |
| 1 | 2.5 |
| 2 | 0 |
| 3 | 2.4 |
| 4 | 2.4 |
| 5 | 0 |
| 6 | 2.5 |
| Q0310 | |
| 1 | 0 |
| 2 | 0.6 |
| 3 | 0.6 |
| 4 | 0.1 |
| 5 | 0.5 |
| 6 | 0.2 |
| Q0311 | |
| E | 0 |
| C | 3.4 |
| B | 0 |

[P.2-25 - P.2-26]

| MODE PIN NO. | DC (V) |
|---|---|
| IC1001 | |
| 1 | 2.4 |
| 2 | 1.2 |
| 3 | 1.2 |
| 4 | 0 |
| 5 | 3.3 |
| 6 | 1.7 |
| 7 | 1.9 |
| 8 | 0 |
| 9 | 0 |
| 10 | 1.5 |
| 11 | 0.1 |
| 12 | 0 |

| MODE PIN NO. | DC (V) |
|---|---|
| 13 | 0 |
| 14 | 0 |
| 15 | 0 |
| 16 | 0 |
| 17 | 1.5 |
| 18 | 0 |
| 19 | 0 |
| 20 | 0 |
| 21 | 1.5 |
| 22 | 0 |
| 23 | 0 |
| 24 | 3.4 |
| 25 | 0 |
| 26 | 0 |
| 27 | 0 |
| 28 | 0 |
| 29 | 0 |
| 30 | 3.4 |
| 31 | 3.3 |
| 32 | 3.3 |
| 33 | 0 |
| 34 | 0 |
| 35 | 0 |
| 36 | 1.4 |
| 37 | 0 |
| 38 | 0 |
| 39 | 0 |
| 40 | 0 |
| 41 | 0 |
| 42 | 3.4 |
| 43 | 0.6 |
| 44 | 0.9 |
| 45 | 0 |
| 46 | 0.8 |
| 47 | 1.9 |
| 48 | 1.7 |
| 49 | 2.0 |
| 50 | 0 |
| 51 | 1.3 |
| 52 | 0 |
| 53 | 2.5 |
| 54 | 1.5 |
| 55 | 1.2 |
| 56 | 0 |
| 57 | 0 |
| 58 | 1.5 |
| 59 | 1.5 |
| 60 | 0 |
| 61 | 0 |
| 62 | 0 |
| 63 | 1.1 |
| 64 | 3.3 |
| 65 | 0.7 |
| 66 | 1.0 |
| 67 | 0 |
| 68 | 0.8 |
| 69 | 0.9 |
| 70 | 1.4 |
| 71 | 0.9 |
| 72 | 1.0 |
| 73 | 0 |
| 74 | 2.4 |
| 75 | 0.2 |
| 76 | 0 |
| 77 | 0 |
| 78 | 1.6 |
| 79 | 0 |
| 80 | 1.1 |
| 81 | 0.9 |
| 82 | 1.5 |
| 83 | 1.2 |
| 84 | 0 |
| 85 | 1.0 |
| 86 | 2.4 |
| 87 | 0.7 |
| 88 | 0.8 |
| 89 | 1.6 |
| 90 | 1.0 |
| 91 | 2.4 |
| 92 | 1.2 |
| 93 | 0 |
| 94 | 1.2 |
| 95 | 0.7 |
| 96 | 2.4 |
| 97 | 1.9 |
| 98 | 0 |
| 99 | 1.0 |
| 100 | 1.2 |
| IC1002 | |
| 1 | 3.4 |
| 2 | 0 |
| 3 | 3.4 |
| 4 | 1.3 |
| 5 | 2.5 |
| IC1003 | |
| 1 | 1.5 |
| 2 | 0 |



| MODE PIN NO. | DC (V) |
|---|---|
| 3 | 2.5 |
| 4 | 2.5 |
| IC1005 | |
| 1 | 0 |
| 2 | 0 |
| 3 | 3.4 |
| 4 | 3.4 |
| 5 | 0 |
| 6 | 0 |
| 7 | 0.6 |
| 8 | 0.9 |
| 9 | 0 |
| 10 | 1.8 |
| 11 | 1.8 |
| 12 | 0 |
| 13 | 0 |
| 14 | 0 |
| 15 | 3.4 |
| 16 | 1.6 |
| 17 | 0 |
| 18 | 2.4 |
| 19 | 0.9 |
| 20 | 1.0 |
| 21 | 1.0 |
| 22 | 0.9 |
| 23 | 0.9 |
| 24 | 0.1 |
| 25 | 1.0 |
| 26 | 3.4 |
| 27 | 0 |
| 28 | 0 |
| 29 | 0 |
| 30 | 0.2 |
| 31 | 0 |
| 32 | 0 |
| 33 | 0 |
| 34 | 0 |
| 35 | 1.5 |
| 36 | 3.4 |
| 37 | 0 |
| 38 | 0 |
| 39 | 0 |
| 40 | 3.4 |
| 41 | 0 |
| 42 | 0 |
| 43 | 0 |
| 44 | 0 |
| 45 | 0.2 |
| 46 | 0 |
| 47 | 2.8 |
| 48 | 0 |
| 49 | 0 |
| 50 | 3.4 |
| 51 | 1.1 |
| 52 | 0.7 |
| 53 | 1.0 |
| 54 | 1.0 |
| 55 | 0 |
| 56 | 0.9 |
| 57 | 0.9 |
| 58 | 0.9 |
| 59 | 2.4 |
| 60 | 0 |
| 61 | 0 |
| 62 | 0 |
| 63 | 1.2 |
| 64 | 0 |
| 65 | 2.0 |
| 66 | 1.8 |
| 67 | 0 |
| 68 | 0 |
| 69 | 0 |
| 70 | 1.0 |
| 71 | 0.6 |
| 72 | 0 |
| 73 | 0 |
| 74 | 0 |
| 75 | 3.4 |
| 76 | 0 |
| 77 | 0 |
| 78 | 0 |
| 79 | 0 |
| 80 | 0 |
| 81 | 0 |
| 82 | 0 |
| 83 | 0 |
| 84 | 0 |
| 85 | 0 |
| 86 | 0 |
| 87 | 0 |
| 88 | 3.3 |
| 89 | 0 |
| 90 | 0 |
| 91 | 0 |
| 92 | 0 |
| 93 | 0 |
| 94 | 0 |

| MODE PIN NO. | DC (V) |
|---|---|
| 95 | 0 |
| 96 | 0 |
| 97 | 0 |
| 98 | 0 |
| 99 | 0 |
| 100 | 3.4 |
| Q1001 | |
| E | 0 |
| C | 3.4 |
| B | 0 |
| Q1003 | |
| E | 1.3 |
| C | 2.4 |
| B | 1.9 |
| Q1004 | |
| E | 3.0 |
| C | 9.0 |
| B | 3.6 |
| Q1005 | |
| S | 3.4 |
| D | 3.3 |
| G | 3.2 |
| Q1006 | |
| S | 3.4 |
| D | 3.3 |
| G | 3.4 |
| Q1101 | |
| E | 2.5 |
| C | 8.9 |
| B | 3.1 |
| Q1103 | |
| E | 1.4 |
| C | 0 |
| B | 0.9 |
| Q1201 | |
| E | 3.8 |
| C | 9.0 |
| B | 4.4 |
| Q1203 | |
| E | 2.0 |
| C | 0 |
| B | 1.4 |
| Q1301 | |
| E | 3.6 |
| C | 9.0 |
| B | 4.3 |
| Q1303 | |
| E | 2.4 |
| C | 0 |
| B | 1.8 |
| Q1401 | |
| E | 3.6 |
| C | 9.0 |
| B | 4.3 |
| Q1403 | |
| E | 2.5 |
| C | 0 |
| B | 1.8 |

[P.2-27 - P.2-28]

| MODE PIN NO. | DC (V) |
|---|---|
| IC3004 | |
| 1 | 0 |
| 2 | 3.4 |
| 3 | 0 |
| 4 | 0 |
| 5 | 0 |
| 6 | 0 |
| 7 | 0 |
| 8 | 0 |
| 9 | 0 |
| 10 | 0 |
| 11 | 0 |
| 12 | 0 |
| 13 | 0 |
| 14 | 0 |
| 15 | 3.3 |
| 16 | 5.2 |
| IC3005 | |
| 1 | 0 |
| 2 | 0 |
| 3 | 0 |
| 4 | 0 |
| 5 | 3.4 |
| IC3006 | |
| 1 | 3.3 |
| 2 | 0.1 |
| 3 | 0 |
| 4 | 0 |
| 5 | 0 |
| 6 | 0 |
| 7 | 3.3 |
| 8 | 0 |
| IC3007 | |
| 1 | 0 |
| 2 | 0 |

| MODE PIN NO. | DC (V) |
|---|---|
| 3 | 0.1 |
| 4 | 0 |
| 5 | 0 |
| 6 | 0 |
| 7 | 0 |
| 8 | 3.4 |
| IC3008 | |
| 1 | 3.4 |
| 2 | 0 |
| 3 | 0 |
| 4 | 5.2 |
| 5 | 3.3 |
| IC3191 | |
| 1 | 0 |
| 2 | 0 |
| 3 | 3.3 |
| 4 | 0 |
| 5 | 3.4 |
| 6 | 0 |
| 7 | 0 |
| 8 | 3.3 |
| IC3403 | |
| 1 | 0 |
| 2 | 3.4 |
| 3 | 0 |
| 4 | 3.4 |
| IC3501 | |
| 1 | 1.2 |
| 2 | 2.5 |
| 3 | 1.1 |
| 4 | 1.1 |
| 5 | 0 |
| 6 | 1.2 |
| 7 | 1.2 |
| 8 | 2.5 |
| 9 | 1.2 |
| 10 | 1.2 |
| 11 | 0 |
| 12 | 1.2 |
| 13 | 0 |
| 14 | 2.5 |
| 15 | 2.5 |
| 16 | 0 |
| 17 | 1.2 |
| 18 | 1.2 |
| 19 | 0 |
| 20 | 1.1 |
| 21 | 1.2 |
| 22 | 2.5 |
| 23 | 0.2 |
| 24 | 0 |
| 25 | 1.7 |
| 26 | 1.7 |
| 27 | 0 |
| 28 | 0 |
| 29 | 0.7 |
| 30 | 0.7 |
| 31 | 0.7 |
| 32 | 0.7 |
| 33 | 0.6 |
| 34 | 0.4 |
| 35 | 2.5 |
| 36 | 0.7 |
| 37 | 0 |
| 38 | 0 |
| 39 | 0 |
| 40 | 0 |
| 41 | 0 |
| 42 | 0 |
| 43 | 0 |
| 44 | 0 |
| 45 | 0.7 |
| 46 | 0 |
| 47 | 0.7 |
| 48 | 0.7 |
| 49 | 0.7 |
| 50 | 0.7 |
| 51 | 0.7 |
| 52 | 0 |
| 53 | 1.7 |
| 54 | 1.3 |
| 55 | 1.2 |
| 56 | 0.2 |
| 57 | 0.3 |
| 58 | 1.2 |
| 59 | 2.5 |
| 60 | 1.2 |
| 61 | 1.2 |
| 62 | 0 |
| 63 | 1.2 |
| 64 | 1.2 |
| 65 | 2.4 |
| 66 | 0 |
| 67 | 2.5 |
| 68 | 1.2 |
| 69 | 1.1 |
| 70 | 0 |

| MODE PIN NO. | DC (V) |
|---|---|
| 71 | 1.1 |
| 72 | 1.2 |
| 73 | 2.4 |
| 74 | 1.2 |
| 75 | 1.2 |
| 76 | 0 |
| 77 | 1.2 |
| 78 | 1.2 |
| 79 | 2.4 |
| 80 | 1.2 |
| 81 | 1.2 |
| 82 | 0 |
| 83 | 1.2 |
| 84 | 1.1 |
| 85 | 0 |
| 86 | 2.5 |
| 87 | 0 |
| 88 | 0 |
| 89 | 0 |
| 90 | 0 |
| 91 | 0 |
| 92 | 0 |
| 93 | 0 |
| 94 | 1.2 |
| 95 | 2.5 |
| 96 | 2.5 |
| 97 | 1.0 |
| 98 | 1.0 |
| 99 | 0 |
| 100 | 1.2 |
| IC3502 | |
| 1 | 1.2 |
| 2 | 2.5 |
| 3 | 1.2 |
| 4 | 1.2 |
| 5 | 0 |
| 6 | 1.2 |
| 7 | 0 |
| 8 | 2.5 |
| 9 | 1.2 |
| 10 | 1.2 |
| 11 | 0 |
| 12 | 1.2 |
| 13 | 1.2 |
| 14 | 2.5 |
| 15 | 1.9 |
| 16 | 0 |
| 17 | 1.2 |
| 18 | 1.2 |
| 19 | 0 |
| 20 | 1.1 |
| 21 | 1.2 |
| 22 | 2.5 |
| 23 | 0.4 |
| 24 | 0 |
| 25 | 1.7 |
| 26 | 1.7 |
| 27 | 1.7 |
| 28 | 0 |
| 29 | 0.7 |
| 30 | 0.6 |
| 31 | 0.7 |
| 32 | 0.7 |
| 33 | 0.7 |
| 34 | 0.7 |
| 35 | 2.5 |
| 36 | 0 |
| 37 | 0 |
| 38 | 0 |
| 39 | 0 |
| 40 | 0 |
| 41 | 0 |
| 42 | 0 |
| 43 | 0 |
| 44 | 0 |
| 45 | 0.7 |
| 46 | 0 |
| 47 | 0.7 |
| 48 | 0.7 |
| 49 | 0.6 |
| 50 | 0.6 |
| 51 | 0.7 |
| 52 | 0 |
| 53 | 1.8 |
| 54 | 1.2 |
| 55 | 1.2 |
| 56 | 0.4 |
| 57 | 0.4 |
| 58 | 1.2 |
| 59 | 2.5 |
| 60 | 1.2 |
| 61 | 1.2 |
| 62 | 0 |
| 63 | 1.2 |
| 64 | 1.3 |
| 65 | 2.5 |
| 66 | 0 |

| MODE PIN NO. | DC (V) |
|---|---|
| 67 | 2.5 |
| 68 | 1.2 |
| 69 | 1.2 |
| 70 | 0 |
| 71 | 1.2 |
| 72 | 1.0 |
| 73 | 2.5 |
| 74 | 1.3 |
| 75 | 1.2 |
| 76 | 0 |
| 77 | 1.3 |
| 78 | 1.1 |
| 79 | 2.5 |
| 80 | 1.2 |
| 81 | 1.1 |
| 82 | 0 |
| 83 | 1.1 |
| 84 | 1.2 |
| 85 | 0 |
| 86 | 2.5 |
| 87 | 0 |
| 88 | 0 |
| 89 | 0 |
| 90 | 0 |
| 91 | 0 |
| 92 | 0 |
| 93 | 0 |
| 94 | 0 |
| 95 | 2.4 |
| 96 | 2.5 |
| 97 | 2.5 |
| 98 | 1.2 |
| 99 | 0 |
| 100 | 1.2 |
| IC3503 | |
| 1 | 0 |
| 2 | 2.6 |
| 3 | 1.2 |
| 4 | 1.2 |
| 5 | 2.6 |
| 6 | 2.6 |
| 7 | 2.5 |
| 8 | 1.3 |
| Q3001 | |
| E | 2.2 |
| C | 3.2 |
| B | 2.8 |
| Q3002 | |
| E | 2.9 |
| C | 0 |
| B | 2.2 |
| Q3003 | |
| E | 0.7 |
| C | 3.2 |
| B | 1.4 |
| Q3004 | |
| E | 1.3 |
| C | 0 |
| B | 0.7 |

[P.2-31 - P.2-32]

| MODE PIN NO. | DC (V) |
|---|---|
| IC4003 | |
| 1 | 0 |
| 2 | 0 |
| 3 | 0 |
| 4 | 0 |
| 5 | 0 |
| 6 | 0 |
| 7 | 3.4 |
| 8 | 3.4 |
| 9 | 0 |
| 10 | 0 |
| 11 | 0 |
| 12 | 0 |
| 13 | 0 |
| 14 | 0 |
| 15 | 0 |
| 16 | 0 |
| 17 | 0 |
| 18 | 0 |
| 19 | 0 |
| 20 | 0 |
| 21 | 0.2 |
| 22 | 0.3 |
| 23 | 0.3 |
| 24 | 0 |
| 25 | 0.2 |
| 26 | 0.3 |
| 27 | 0 |
| 28 | 0.3 |
| 29 | 0.3 |
| 30 | 3.3 |
| 31 | 0 |
| 32 | 3.4 |

| MODE PIN NO. | DC (V) |
|---|---|
| IC4004 | |
| 1 | 0 |
| 2 | 0 |
| 3 | 0 |
| 4 | 0 |
| 5 | 3.4 |
| 6 | 3.4 |
| 7 | 0 |
| 8 | 3.3 |
| Q4001 | |
| E | 0 |
| C | 3.2 |
| B | 0 |

[P.2-33 - P.2-34]

| MODE PIN NO. | DC (V) |
|---|---|
| IC6502 | |
| 1 | 3.4 |
| 2 | 0.6 |
| 3 | 1.2 |
| 4 | 1.0 |
| 5 | 0 |
| 6 | 0.6 |
| 7 | 0.8 |
| 8 | 0.9 |
| 9 | 3.4 |
| 10 | 0 |
| 11 | 0.5 |
| 12 | 0.1 |
| 13 | 0.1 |
| 14 | 1.2 |
| 15 | 0 |
| 16 | 0.9 |
| 17 | 0 |
| 18 | 0.8 |
| 19 | 0.7 |
| 20 | 0.8 |
| 21 | 0 |
| 22 | 0.5 |
| 23 | 0.3 |
| 24 | 1.2 |
| 25 | 1.7 |
| 26 | 3.3 |
| 27 | 3.4 |
| 28 | 0 |
| 29 | 0 |
| 30 | 2.4 |
| 31 | 1.5 |
| 32 | 3.4 |
| 33 | 0 |
| 34 | 3.4 |
| 35 | 0 |
| 36 | 0 |
| 37 | 1.2 |
| 38 | 1.3 |
| 39 | 1.2 |
| 40 | 0 |
| 41 | 1.2 |
| 42 | 0 |
| 43 | 0 |
| 44 | 0 |
| 45 | 1.2 |
| 46 | 1.4 |
| 47 | 1.1 |
| 48 | 1.4 |
| 49 | 0 |
| 50 | 0.9 |
| 51 | 0 |
| 52 | 0 |
| 53 | 0 |
| 54 | 0.6 |
| 55 | 0.7 |
| 56 | 0.2 |
| Q6501 | |
| E | 0 |
| C | 4.3 |
| B | 0 |

[P.2-37 - P.2-38]

| MODE PIN NO. | DC (V) |
|---|---|
| IC7602 | |
| 1 | 0 |
| 2 | 0 |
| 3 | 0 |
| 4 | 0 |
| 5 | 3.3 |
| 6 | 3.3 |
| 7 | 0 |
| 8 | 3.3 |

[P.2-39 - P.2-40]

| MODE PIN NO. | DC (V) |
|---|---|
| IC7001 | |
| 1 | 2.9 |
| 2 | 0 |
| 3 | 3.2 |
| 4 | 0 |
| 5 | 0 |
| 6 | 0 |
| 7 | 3.3 |
| 8 | 0 |
| 9 | 0 |
| 10 | 3.2 |
| 11 | 3.3 |
| 12 | 3.2 |
| 13 | 3.2 |
| 14 | 3.3 |
| 15 | 3.3 |
| 16 | 3.3 |
| 17 | 3.3 |
| 18 | 3.3 |
| 19 | 0 |
| 20 | 3.3 |
| 21 | 0 |
| 22 | 3.3 |
| 23 | 1.6 |
| 24 | 1.4 |
| 25 | 3.3 |
| 26 | 3.2 |
| 27 | 0 |
| 28 | 3.3 |
| 29 | 3.3 |
| 30 | 3.3 |
| 31 | 3.3 |
| 32 | 3.3 |
| 33 | 0 |
| 34 | 3.3 |
| 35 | 0 |
| 36 | 3.3 |
| 37 | 0 |
| 38 | 3.3 |
| 39 | 3.3 |
| 40 | 2.8 |
| 41 | 0 |
| 42 | 0 |
| 43 | 0 |
| 44 | 3.3 |
| 45 | 1.8 |
| 46 | 3.3 |
| 47 | 3.3 |
| 48 | 3.3 |
| 49 | 3.3 |
| 50 | 3.2 |
| 51 | 3.3 |
| 52 | 3.3 |
| 53 | 3.3 |
| 54 | 3.3 |
| 55 | 3.3 |
| 56 | 3.3 |
| 57 | 3.3 |
| 58 | 3.3 |
| 59 | 3.3 |
| 60 | 3.3 |
| 61 | 0 |
| 62 | 0.3 |
| 63 | 1.5 |
| 64 | 0 |
| 65 | 0 |
| 66 | 3.3 |
| 67 | 0 |
| 68 | 3.3 |
| 69 | 3.3 |
| 70 | 3.3 |
| 71 | 3.3 |
| 72 | 3.3 |
| 73 | 3.3 |
| 74 | 3.3 |
| 75 | 3.3 |
| 76 | 3.3 |
| 77 | 3.1 |
| 78 | 0 |
| 79 | 3.3 |
| 80 | 3.0 |
| 81 | 0 |
| 82 | 3.3 |
| 83 | 3.3 |
| 84 | 3.3 |
| 85 | 3.3 |
| 86 | 3.3 |
| 87 | 3.3 |
| 88 | 0 |
| 89 | 3.3 |
| 90 | 3.3 |
| 91 | 3.3 |
| 92 | 0 |
| 93 | 3.3 |
| 94 | 0 |
| 95 | 3.3 |
| 96 | 3.3 |

| MODE PIN NO. | DC (V) |
|---|---|
| 97 | 0 |
| 98 | 3.3 |
| 99 | 3.3 |
| 100 | 3.4 |
| IC7002 | |
| 1 | 0 |
| 2 | 0 |
| 3 | 0 |
| 4 | 0 |
| 5 | 3.3 |
| 6 | 3.3 |
| 7 | 0 |
| 8 | 3.2 |
| IC7003 | |
| 1 | 3.3 |
| 2 | 0.2 |
| 3 | 3.3 |
| 4 | 0 |
| 5 | 0.1 |
| 6 | 3.3 |
| 7 | 3.3 |
| 8 | 3.3 |
| IC7401 | |
| 1 | 0 |
| 2 | 3.3 |
| 3 | 0 |
| 4 | 3.3 |
| Q7201 | |
| E | 4.7 |
| C | 0 |
| B | 4.2 |
| Q7202 | |
| E | 4.1 |
| C | 4.2 |
| B | 2.3 |
| Q7203 | |
| E | 4.0 |
| C | 4.7 |
| B | 4.6 |
| Q7204 | |
| E | 0 |
| C | 4.5 |
| B | 0 |
| Q7205 | |
| E | 0 |
| C | 0 |
| B | 0 |
| Q7206 | |
| E | 0 |
| C | 3.2 |
| B | 0 |
| Q7207 | |
| E | 3.3 |
| C | 3.2 |
| B | 0 |
| Q7208 | |
| E | 3.3 |
| C | 3.3 |
| B | 0 |
| Q7209 | |
| E | 3.3 |
| C | 3.3 |
| B | 0 |

[P.2-41 - P.2-42]

| MODE PIN NO. | DC (V) |
|---|---|
| IC7501 | |
| 1 | 3.2 |
| 2 | 0.1 |
| 3 | 0.2 |
| 4 | 3.3 |
| 5 | 0 |
| 6 | 0.2 |
| 7 | 0.2 |
| 8 | 0.2 |
| 9 | 0.2 |
| 10 | 0.3 |
| 11 | 0 |
| 12 | 3.3 |
| 13 | 0 |
| 14 | 3.2 |
| 15 | 0 |
| 16 | 0 |
| 17 | 0 |
| 18 | 1.6 |
| 19 | 0 |
| 20 | 0 |
| 21 | 2.4 |
| 22 | 0 |
| 23 | 1.3 |
| 24 | 3.1 |
| 25 | 1.3 |
| 26 | 3.3 |
| 27 | 0.9 |
| 28 | 3.1 |
| 29 | 1.7 |

| MODE PIN NO. | DC (V) |
|---|---|
| 30 | 1.7 |
| 31 | 0 |
| 32 | 3.3 |
| 33 | 2.8 |
| 34 | 2.4 |
| 35 | 1.0 |
| 36 | 1.5 |
| 37 | 1.2 |
| 38 | 3.1 |
| 39 | 2.9 |
| 40 | 1.1 |
| 41 | 0 |
| 42 | 3.3 |
| 43 | 1.4 |
| 44 | 3.2 |
| 45 | 3.3 |
| 46 | 1.0 |
| 47 | 1.9 |
| 48 | 0 |
| 49 | 0 |
| 50 | 3.2 |
| 51 | 1.6 |
| 52 | 0 |
| 53 | 3.3 |
| 54 | 1.6 |
| 55 | 0.8 |
| 56 | 1.2 |
| 57 | 0.5 |
| 58 | 1.9 |
| 59 | 2.4 |
| 60 | 0 |
| 61 | 3.3 |
| 62 | 1.2 |
| 63 | 0.6 |
| 64 | 1.3 |
| 65 | 1.9 |
| 66 | 1.2 |
| 67 | 0.6 |
| 68 | 0 |
| 69 | 3.3 |
| 70 | 1.2 |
| 71 | 1.9 |
| 72 | 0.7 |
| 73 | 3.2 |
| 74 | 3.3 |
| 75 | 3.4 |
| 76 | 3.1 |
| 77 | 1.5 |
| 78 | 3.2 |
| 79 | 3.2 |
| 80 | 0 |
| 81 | 3.2 |
| 82 | 3.2 |
| 83 | 3.3 |
| 84 | 0 |
| 85 | 3.3 |
| 86 | 0 |
| 87 | 2.4 |
| 88 | 3.3 |
| 89 | 3.2 |
| 90 | 3.2 |
| 91 | 3.2 |
| 92 | 3.2 |
| 93 | 0.2 |
| 94 | 0.2 |
| 95 | 3.2 |
| 96 | 3.2 |
| 97 | 3.2 |
| 98 | 3.2 |
| 99 | 3.3 |
| 100 | 0.8 |
| 101 | 3.3 |
| 102 | 3.4 |
| 103 | 3.4 |
| 104 | 0 |
| 105 | 1.5 |
| 106 | 3.3 |
| 107 | 0 |
| 108 | 0.6 |
| 109 | 0.3 |
| 110 | 0 |
| 111 | 2.4 |
| 112 | 0.2 |
| 113 | 0.3 |
| 114 | 0.1 |
| 115 | 0 |
| 116 | 2.4 |
| 117 | 0 |
| 118 | 0 |
| 119 | 2.4 |
| 120 | 0 |
| 121 | 0.7 |
| 122 | 0 |
| 123 | 2.4 |
| 124 | 2.4 |
| 125 | 2.4 |
| 126 | 2.8 |

| MODE PIN NO. | DC (V) |
|---|---|
| 127 | 0.5 |
| 128 | 0 |
| IC7502 | |
| 1 | 3.2 |
| 2 | 3.0 |
| 3 | 0 |
| 4 | 0 |
| IC7503 | |
| 1 | 3.3 |
| 2 | 0.2 |
| 3 | 3.3 |
| 4 | 0.4 |
| 5 | 0.6 |
| 6 | 0 |
| 7 | 0.2 |
| 8 | 0.9 |
| 9 | 3.2 |
| 10 | 0.4 |
| 11 | 1.0 |
| 12 | 0 |
| 13 | 1.1 |
| 14 | 3.2 |
| 15 | 0 |
| 16 | 3.2 |
| 17 | 2.7 |
| 18 | 2.4 |
| 19 | 2.4 |
| 20 | 0.9 |
| 21 | 1.2 |
| 22 | 0 |
| 23 | 0 |
| 24 | 0 |
| 25 | 1.5 |
| 26 | 2.6 |
| 27 | 3.3 |
| 28 | 0 |
| 29 | 2.6 |
| 30 | 0.6 |
| 31 | 2.6 |
| 32 | 2.6 |
| 33 | 0 |
| 34 | 0 |
| 35 | 0 |
| 36 | 0 |
| 37 | 3.3 |
| 38 | 1.4 |
| 39 | 0 |
| 40 | 0 |
| 41 | 0 |
| 42 | 0.2 |
| 43 | 3.2 |
| 44 | 0 |
| 45 | 0.8 |
| 46 | 0 |
| 47 | 1.0 |
| 48 | 0.5 |
| 49 | 3.2 |
| 50 | 0.1 |
| 51 | 1.0 |
| 52 | 0 |
| 53 | 1.3 |
| 54 | 0 |
| IC7504 | |
| 1 | 2.7 |
| 2 | 2.4 |
| 3 | 1.2 |
| 4 | 1.2 |
| 5 | 0 |
| 6 | 0 |
| 7 | 0 |
| 8 | 0 |
| 9 | 0 |
| 10 | 0 |
| 11 | 3.2 |
| 12 | 3.2 |
| 13 | 0 |
| 14 | 0 |
| 15 | 0 |
| 16 | 0 |
| 17 | 0 |
| 18 | 2.6 |
| 19 | 2.6 |
| 20 | 0.6 |
| 21 | 2.6 |
| 22 | 2.6 |
| 23 | 1.5 |
| 24 | 0 |
| 25 | 0 |
| 26 | 3.2 |
| 27 | 0 |
| 28 | 3.2 |
| 29 | 0.2 |
| 30 | 0.3 |
| 31 | 0.6 |
| 32 | 0 |
| 33 | 0.6 |
| 34 | 0 |

| MODE PIN NO. | DC (V) |
|---|---|
| 35 | 0.4 |
| 36 | 1.0 |
| 37 | 3.3 |
| 38 | 0.8 |
| 39 | 0.4 |
| 40 | 0.4 |
| 41 | 0.1 |
| 42 | 1.0 |
| 43 | 1.1 |
| 44 | 1.1 |
| 45 | 1.4 |
| 46 | 0 |
| 47 | 3.2 |
| 48 | 0 |
| IC7505 | |
| 1 | 4.7 |
| 2 | 0.1 |
| 3 | 1.2 |
| 4 | 2.4 |
| 5 | 3.3 |
| IC7506 | |
| 1 | 0.2 |
| 2 | 3.4 |
| 3 | 0 |
| 4 | 0 |
| 5 | 0 |
| 6 | 0 |
| 7 | 0 |
| 8 | 0 |
| 9 | 0 |
| 10 | 0 |
| 11 | 0 |
| 12 | 3.3 |
| 13 | 0.1 |
| 14 | 3.4 |
| 15 | 3.4 |
| 16 | 3.3 |
| IC9201 | |
| 1 | 6.2 |
| 2 | 24.0 |
| 3 | 1.4 |
| 4 | 0 |
| 5 | 1.2 |
| 6 | 0.9 |
| 7 | 3.1 |
| 8 | 1.0 |
| Q7501 | |
| E | 2.1 |
| C | 0 |
| B | 1.5 |
| Q7508 | |
| E | 0 |
| C | 0.7 |
| B | 0 |

<POWER PWB>

[P.2-43 - P.2-44]

| MODE PIN NO. | DC (V) |
|---|---|
| IC9141 | |
| 1 | 5.6 |
| 2 | 0 |
| 3 | 5.0 |
| IC9211 | |
| 1 | 2.5 |
| 2 | 2.7 |
| 3 | 0.6 |
| 4 | 0 |
| 5 | 2.6 |
| 6 | 0 |
| 7 | 12.7 |
| 8 | 19.8 |
| Q9021 | |
| E | -0.1 |
| C | 0 |
| B | 0.6 |
| Q9211 | |
| S | 0 |
| D | 89.5 |
| G | 12.8 |
| Q9212 | |
| E | 0 |
| C | 9.9 |
| B | 0 |
| Q9213 | |
| 1 | 19.8 |
| 2 | 0 |
| 3 | 0 |
| 4 | 0 |
| 5 | 9.9 |
| 6 | 19.8 |
| Q9215 | |
| E | 0 |
| C | 0 |
| B | 0.6 |

| MODE PIN NO. | DC (V) |
|---|---|
| Q9216 | |
| E | 0 |
| C | 10.7 |
| B | 0 |
| Q9251 | |
| E | 0 |
| C | 9.9 |
| B | 0.5 |
| Q9252 | |
| E | 0 |
| C | 0 |
| B | 7.0 |

[P.2-45 - P.2-46]

| MODE PIN NO. | DC (V) |
|---|---|
| IC9501 | |
| 4 | 0 |
| 7 | 19.8 |
| 8 | 0 |
| 10 | 4.8 |
| 11 | 1.2 |
| 12 | 4.8 |
| 13 | 2.9 |
| 14 | 0.8 |
| 15 | 4.8 |
| 16 | 1.6 |
| 19 | 231.2 |
| 20 | 230.0 |
| 23 | 371.9 |
| IC9541 | |
| 1 | 2.4 |
| 2 | 0 |
| 3 | 10.2 |
| IC9602 | |
| 1 | 0 |
| 2 | 4.5 |
| 3 | 4.6 |
| 4 | 5.1 |
| 5 | 0 |
| 6 | 5.1 |
| 7 | 0 |
| 8 | 0 |
| 9 | 4.9 |
| 10 | 5.1 |
| 11 | 5.0 |
| 12 | 0 |
| 13 | 5.1 |
| 14 | 0 |
| 15 | 0 |
| 16 | 0 |
| IC9901 | |
| 1 | 13.5 |
| 2 | 15.8 |
| 3 | 8.8 |
| 4 | 0 |
| 5 | 1.1 |
| 6 | 1.5 |
| 7 | 6.8 |
| 8 | 0 |
| Q9501 | |
| E | 0 |
| C | 0 |
| B | 0.6 |
| Q9502 | |
| S | 0 |
| D | 371.2 |
| G | 0 |
| Q9503 | |
| E | 0 |
| C | 0 |
| B | 0.6 |
| Q9504 | |
| S | 22.2 |
| D | 36.9 |
| G | 20.6 |
| Q9506 | |
| E | 0 |
| C | 9.9 |
| B | 0 |
| Q9541 | |
| E | 0 |
| C | 0 |
| B | 3.2 |
| Q9602 | |
| E | 10.5 |
| C | 11.2 |
| B | 11.2 |
| Q9603 | |
| E | 0 |
| C | 0 |
| B | 3.2 |
| Q9604 | |
| E | 0 |
| C | 0 |
| B | 5.1 |

| MODE PIN NO. | DC (V) |
|---|---|
| Q9606 | |
| E | 0 |
| C | 0 |
| B | 0.6 |
| Q9608 | |
| E | 8.1 |
| C | 8.8 |
| B | 8.9 |
| Q9901 | |
| E | 0 |
| C | 0 |
| B | 0.5 |

<FRONT LED PWB>
[P.2-49]

| MODE PIN NO. | DC (V) |
|---|---|
| IC8752 | |
| 1 | 3.1 |
| 2 | 4.9 |
| 3 | 0 |
| Q8703 | |
| E | 0 |
| C | 0 |
| B | 3.3 |
| Q8704 | |
| E | 2.4 |
| C | 2.0 |
| B | 0 |
| Q8710 | |
| E | 0 |
| C | 0 |
| B | 3.1 |
| Q8711 | |
| E | 0 |
| C | 0 |
| B | 3.3 |

<CONNECTOR PWB>
[P.2-51 - P.2-52]

| MODE PIN NO. | DC (V) |
|---|---|
| IC4301 | |
| 1 | 0 |
| 2 | 4.5 |
| 3 | 4.6 |
| 4 | 0 |
| 5 | 4.6 |
| 6 | 4.5 |
| 7 | 4.5 |
| 8 | 9.0 |
| IC4401 | |
| 1 | 5.1 |
| 2 | 3.2 |
| 3 | 4.4 |
| 4 | 0 |
| 5 | 4.4 |
| 6 | 4.4 |
| 7 | 3.2 |
| 8 | 5.2 |
| 9 | 5.1 |
| 10 | 0.2 |
| 11 | 5.2 |
| 12 | 3.1 |
| 13 | 0.2 |
| 14 | 5.1 |
| 15 | 0 |
| 16 | 5.2 |
| IC4402 | |
| 1 | 5.1 |
| 2 | 3.2 |
| 3 | 4.3 |
| 4 | 0 |
| 5 | 4.4 |
| 6 | 0 |
| 7 | 3.2 |
| 8 | 5.1 |
| 9 | 5.1 |
| 10 | 0 |
| 11 | 5.2 |
| 12 | 3.1 |
| 13 | 8.9 |
| 14 | 5.1 |
| 15 | 0 |
| 16 | 0 |
| IC4501 | |
| 1 | 0.2 |
| 2 | 0.2 |
| 3 | 0.2 |
| 4 | 0 |
| 5 | 0.3 |
| 6 | 0 |
| 7 | 3.2 |
| 8 | 3.4 |
| IC4502 | |
| 1 | 3.2 |
| 2 | 3.3 |
| 3 | 0.2 |
| 4 | 0.2 |
| 5 | 0 |
| 6 | 0 |
| 7 | 3.2 |
| 8 | 3.4 |

<CARD PWB>
[P.2-53 - P.2-54]

| MODE PIN NO. | DC (V) |
|---|---|
| IC1001 | |
| 1 | 3.3 |
| 2 | 3.3 |
| 3 | 0.9 |
| 4 | 0.9 |
| 5 | 1.1 |
| 6 | 1.7 |
| 7 | 0.8 |
| 8 | 0 |
| 9 | 2.0 |
| 10 | 2.2 |
| 11 | 1.6 |
| 12 | 1.5 |
| 13 | 1.2 |
| 14 | 1.5 |
| 15 | 1.7 |
| 16 | 2.4 |
| 17 | 0 |
| 18 | 3.3 |
| 19 | 3.3 |
| 20 | 0.5 |
| 21 | 1.1 |
| 22 | 1.0 |
| 23 | 0 |
| 24 | 3.3 |
| 25 | 0 |
| 26 | 0 |
| 27 | 3.3 |
| 28 | 3.2 |
| 29 | 1.3 |
| 30 | 1.3 |

| MODE PIN NO. | DC (V) |
|---|---|
| 31 | 0 |
| 32 | 1.6 |
| 33 | 0.1 |
| 34 | 0 |
| 35 | 2.0 |
| 36 | 0 |
| 37 | 0 |
| 38 | 0 |
| 39 | 1.3 |
| 40 | 1.5 |
| 41 | 0 |
| 42 | 1.3 |
| 43 | 0 |
| 44 | 2.0 |
| 45 | 1.4 |
| 46 | 1.3 |
| 47 | 1.3 |
| 48 | 1.4 |
| 49 | 1.5 |
| 50 | 1.4 |
| 51 | 3.3 |
| 52 | 0 |
| 53 | 0 |
| 54 | 1.1 |
| 55 | 1.6 |
| 56 | 1.6 |
| 57 | 1.3 |
| 58 | 1.1 |
| 59 | 3.3 |
| 60 | 0 |
| 61 | 1.0 |
| 62 | 2.0 |
| 63 | 2.2 |
| 64 | 0.1 |
| 65 | 0 |
| 66 | 0.1 |
| 67 | 0 |
| 68 | 3.3 |
| 69 | 3.2 |
| 70 | 3.3 |
| 71 | 3.2 |
| 72 | 3.1 |
| 73 | 0 |
| 74 | 0 |
| 75 | 3.3 |
| 76 | 0 |
| 77 | 0.5 |
| 78 | 0.6 |
| 79 | 0.8 |
| 80 | 0.5 |
| 81 | 0.6 |
| 82 | 0.6 |
| 83 | 2.0 |
| 84 | 0 |
| 85 | 0.6 |
| 86 | 0.4 |
| 87 | 0.5 |
| 88 | 0.5 |
| 89 | 0.5 |
| 90 | 0.5 |
| 91 | 0 |
| 92 | 3.3 |
| 93 | 0.6 |
| 94 | 0.8 |
| 95 | 0.6 |
| 96 | 0.8 |
| 97 | 3.3 |
| 98 | 0 |
| 99 | 3.3 |
| 100 | 2.9 |
| 101 | 0 |
| 102 | 1.5 |
| 103 | 0 |
| 104 | 3.3 |
| 105 | 0 |
| 106 | 1.1 |
| 107 | 1.0 |
| 108 | 1.0 |
| 109 | 1.0 |
| 110 | 1.5 |
| 111 | 3.3 |
| 112 | 0 |
| 113 | 0.8 |
| 114 | 0.6 |
| 115 | 2.2 |
| 116 | 1.6 |
| 117 | 3.0 |
| 118 | 0 |
| 119 | 0 |
| 120 | 0 |
| 121 | 1.8 |
| 122 | 0 |
| 123 | 0 |
| 124 | 0 |
| 125 | 0 |
| 126 | 1.4 |
| 127 | 1.4 |

| MODE PIN NO. | DC (V) |
|---|---|
| 128 | 1.4 |
| 129 | 0 |
| 130 | 3.3 |
| 131 | 1.4 |
| 132 | 0 |
| 133 | 0 |
| 134 | 0 |
| 135 | 0 |
| 136 | 0 |
| 137 | 0 |
| 138 | 0 |
| 139 | 2.0 |
| 140 | 0 |
| 141 | 0 |
| 142 | 0 |
| 143 | 0 |
| 144 | 1.4 |
| 145 | 1.3 |
| 146 | 3.4 |
| 147 | 0 |
| 148 | 3.3 |
| 149 | 0 |
| 150 | 0 |
| 151 | 1.4 |
| 152 | 3.3 |
| 153 | 3.3 |
| 154 | 0 |
| 155 | 0 |
| 156 | 0 |
| 157 | 3.3 |
| 158 | 3.3 |
| 159 | 3.3 |
| 160 | 3.3 |
| 161 | 3.3 |
| 162 | 3.3 |
| 163 | 0 |
| 164 | 3.3 |
| 165 | 3.3 |
| 166 | 3.3 |
| 167 | 3.3 |
| 168 | 3.3 |
| 169 | 1.7 |
| 170 | 3.3 |
| 171 | 0 |
| 172 | 2.0 |
| 173 | 3.3 |
| 174 | 3.3 |
| 175 | 3.3 |
| 176 | 3.3 |
| 177 | 0 |
| 178 | 0.2 |
| 179 | 0.2 |
| 180 | 0.2 |
| 181 | 0.1 |
| 182 | 0.1 |
| 183 | 3.3 |
| 184 | 0.1 |
| 185 | 0.1 |
| 186 | 0.1 |
| 187 | 0.2 |
| 188 | 0.2 |
| 189 | 0.2 |
| 190 | 0.2 |
| 191 | 0.2 |
| 192 | 0 |
| 193 | 3.3 |
| 194 | 0.2 |
| 195 | 0.2 |
| 196 | 0.2 |
| 197 | 0.2 |
| 198 | 3.3 |
| 199 | 3.3 |
| 200 | 0 |
| 201 | 3.3 |
| 202 | 1.5 |
| 203 | 1.5 |
| 204 | 0 |
| 205 | 0 |
| 206 | 0.9 |
| 207 | 0.9 |
| 208 | 0 |
| IC1002 | |
| 1 | 0 |
| 2 | 0 |
| 3 | 0 |
| 4 | 3.3 |
| 5 | 3.3 |
| IC1003 | |
| 1 | 0 |
| 2 | 3.3 |
| 3 | 0 |
| 4 | 0 |
| 5 | 3.3 |

| MODE PIN NO. | DC (V) |
|---|---|
| IC1005 | |
| 1 | 1.2 |
| 2 | 0.2 |
| 3 | 1.3 |
| 4 | 0 |
| IC1006 | |
| 1 | 0.9 |
| 2 | 0.3 |
| 3 | 0.4 |
| 4 | 0.1 |
| 5 | 1.4 |
| 6 | 0.3 |
| 7 | 3.3 |
| 8 | 0.3 |
| IC1007 | |
| 1 | 0.9 |
| 2 | 0.8 |
| 3 | 1.1 |
| 4 | 0.1 |
| 5 | 1.4 |
| 6 | 1.5 |
| 7 | 0.4 |
| 8 | 0.4 |
| IC1201 | |
| 1 | 3.3 |
| 2 | 3.3 |
| 3 | 0 |
| 4 | 0 |
| 5 | 0.5 |
| 6 | 3.3 |
| 7 | 0.6 |
| 8 | 3.3 |
| 9 | 0 |
| 10 | 0 |
| 11 | 0.5 |
| 12 | 0.1 |
| 13 | 3.3 |
| 14 | 0.5 |
| 15 | 0 |
| 16 | 0 |
| 17 | 3.3 |
| 18 | 0 |
| 19 | 3.3 |
| 20 | 3.3 |
| IC1202 | |
| 1 | 0.1 |
| 2 | 3.3 |
| 3 | 0 |
| 4 | 0.1 |
| 5 | 3.3 |
| IC1203 | |
| 1 | 0 |
| 2 | 0 |
| 3 | 0 |
| 4 | 0 |
| 5 | 3.3 |
| IC1401 | |
| 1 | 3.3 |
| 2 | 0.5 |
| 3 | 3.3 |
| 4 | 0.6 |
| 5 | 0.9 |
| 6 | 0 |
| 7 | 0.9 |
| 8 | 0.9 |
| 9 | 3.3 |
| 10 | 0.1 |
| 11 | 1.0 |
| 12 | 0 |
| 13 | 1.0 |
| 14 | 3.3 |
| 15 | 0 |
| 16 | 3.2 |
| 17 | 3.2 |
| 18 | 3.2 |
| 19 | 3.0 |
| 20 | 0 |
| 21 | 0 |
| 22 | 0 |
| 23 | 0 |
| 24 | 0.5 |
| 25 | 0.4 |
| 26 | 2.0 |
| 27 | 3.3 |
| 28 | 0.1 |
| 29 | 0 |
| 30 | 1.6 |
| 31 | 1.0 |
| 32 | 2.0 |
| 33 | 2.2 |
| 34 | 0 |
| 35 | 0 |
| 36 | 0.1 |
| 37 | 0 |
| 38 | 0 |
| 39 | 0 |
| 40 | 0 |

| MODE PIN NO. | DC (V) |
|---|---|
| 41 | 0 |
| 42 | 0.5 |
| 43 | 3.3 |
| 44 | 0.5 |
| 45 | 0.5 |
| 46 | 0 |
| 47 | 0.3 |
| 48 | 0.4 |
| 49 | 3.3 |
| 50 | 0.8 |
| 51 | 0.5 |
| 52 | 0 |
| 53 | 0.8 |
| 54 | 0 |
| IC1501 | |
| 1 | 2.4 |
| 2 | 0.6 |
| 3 | 1.6 |
| 4 | 0.6 |
| 5 | 1.5 |
| 6 | 1.5 |
| 7 | 2.3 |
| 8 | 0.8 |
| 9 | 1.1 |
| 10 | 0.6 |
| 11 | 3.3 |
| 12 | 3.3 |
| 13 | 0.6 |
| 14 | 0.6 |
| 15 | 1.7 |
| 16 | 1.0 |
| 17 | 0.8 |
| 18 | 1.7 |
| 19 | 1.2 |
| 20 | 1.3 |
| 21 | 0.9 |
| 22 | 1.5 |
| 23 | 0.9 |
| 24 | 0.8 |
| 25 | 0 |
| 26 | 3.3 |
| 27 | 0.5 |
| 28 | 3.3 |
| 29 | 0.1 |
| 30 | 1.2 |
| 31 | 0 |
| 32 | 0.9 |
| 33 | 0.1 |
| 34 | 1.2 |
| 35 | 0.1 |
| 36 | 1.2 |
| 37 | 3.3 |
| 38 | 0.1 |
| 39 | 1.2 |
| 40 | 0.3 |
| 41 | 1.2 |
| 42 | 0 |
| 43 | 1.2 |
| 44 | 0 |
| 45 | 0 |
| 46 | 0 |
| 47 | 0 |
| 48 | 1.5 |
| Q1201 | |
| E | 3.3 |
| C | 0 |
| B | 3.3 |
| Q1202 | |
| E | 0 |
| C | 3.3 |
| B | 0 |

[P.2-55 - P.2-56]

| MODE PIN NO. | DC (V) |
|---|---|
| IC2001 | |
| 1 | 0 |
| 2 | 0 |
| 3 | 1.2 |
| 4 | 1.2 |
| 5 | 1.3 |
| 6 | 1.2 |
| 7 | 2.1 |
| 8 | 1.3 |
| 9 | 0.7 |
| 10 | 2.0 |
| 11 | 3.3 |
| 12 | 3.2 |
| 13 | 3.2 |
| 14 | 0 |
| 15 | 0 |
| 16 | 1.4 |
| 17 | 1.1 |
| 18 | 0 |
| 19 | 1.1 |
| 20 | 1.2 |
| 21 | 1.2 |

| MODE PIN NO. | DC (V) |
|---|---|
| 22 | 1.2 |
| 23 | 2.1 |
| 24 | 0.2 |
| 25 | 0 |
| 26 | 0 |
| 27 | 0 |
| 28 | 0.7 |
| 29 | 3.3 |
| 30 | 3.3 |
| 31 | 0 |
| 32 | 1.2 |
| 33 | 0 |
| 34 | 0.8 |
| 35 | 1.2 |
| 36 | 1.2 |
| 37 | 1.2 |
| 38 | 3.3 |
| 39 | 0 |
| 40 | 0 |
| 41 | 1.1 |
| 42 | 0 |
| 43 | 0.8 |
| 44 | 0.9 |
| 45 | 1.5 |
| 46 | 0 |
| 47 | 0 |
| 48 | 3.3 |
| IC2002 | |
| 1 | 1.5 |
| 2 | 1.6 |
| 3 | 0 |
| 4 | 1.6 |
| 5 | 3.3 |
| 6 | 0 |
| 7 | 3.3 |
| 8 | 0.2 |
| 9 | 0 |
| 10 | 2.6 |
| 11 | 2.6 |
| 12 | 2.6 |
| 13 | 0.2 |
| 14 | 5.2 |
| 15 | 0.2 |
| 16 | 5.2 |
| IC2003 | |
| 1 | 4.4 |
| 2 | 0.3 |
| 3 | 4.4 |
| 4 | 0 |
| 5 | 4.4 |
| 6 | 4.4 |
| 7 | 4.4 |
| 8 | 8.8 |
| IC2004 | |
| 1 | 0.4 |
| 2 | 0 |
| 3 | 3.3 |
| 4 | 0.4 |
| 5 | 0 |
| 6 | 3.3 |
| 7 | 0 |
| 8 | 3.2 |
| 9 | 0.1 |
| 10 | 0.5 |
| 11 | 0 |
| 12 | 0.1 |
| 13 | 0 |
| 14 | 0 |
| 15 | 0 |
| 16 | 0.5 |
| 17 | 0.5 |
| 18 | 0 |
| 19 | 3.3 |
| 20 | 0.5 |
| 21 | 0 |
| 22 | 0 |
| 23 | 3.3 |
| 24 | 0 |
| 25 | 0 |
| 26 | 3.3 |
| 27 | 0 |
| 28 | 3.3 |
| 29 | 0.5 |
| 30 | 3.3 |
| 31 | 3.3 |
| 32 | 0 |
| 33 | 0.6 |
| 34 | 0 |
| 35 | 0.1 |
| 36 | 0 |
| 37 | 3.3 |
| 38 | 0 |
| 39 | 0 |
| 40 | 0 |
| 41 | 0 |
| 42 | 0 |
| 43 | 3.3 |

| MODE PIN NO. | DC (V) |
|---|---|
| 44 | 0 |
| 45 | 0 |
| 46 | 0 |
| 47 | 0 |
| 48 | 0 |
| 49 | 0 |
| 50 | 0 |
| 51 | 3.3 |
| 52 | 0 |
| 53 | 3.3 |
| 54 | 0 |
| 55 | 3.3 |
| 56 | 3.3 |
| 57 | 0 |
| 58 | 0 |
| 59 | 0 |
| 60 | 1.0 |
| 61 | 0 |
| 62 | 0 |
| 63 | 0 |
| 64 | 3.3 |
| IC2005 | |
| 1 | 3.1 |
| 2 | 3.3 |
| 3 | 3.0 |
| 4 | 0.4 |
| 5 | 3.3 |
| 6 | 3.0 |
| 7 | 3.0 |
| 8 | 0.1 |
| IC2201 | |
| 1 | 0.1 |
| 2 | 0 |
| 3 | 0.1 |
| 4 | 5.0 |
| 5 | 0 |
| IC2202 | |
| 1 | 8.2 |
| 2 | 8.7 |
| 3 | 3.3 |
| 4 | 0 |
| 5 | 1.2 |
| 6 | 1.3 |
| 7 | 5.7 |
| 8 | 0 |
| IC2204 | |
| 1 | 1.9 |
| 2 | 0 |
| 3 | 0 |
| 4 | 0.7 |
| 5 | 3.3 |
| 6 | 0 |
| 7 | 0 |
| 8 | 3.3 |
| Q2201 | |
| E | 5.2 |
| C | 5.2 |
| B | 5.9 |

<REGULATOR PWB>
[P.2-57 - P.2-58]

| MODE PIN NO. | DC (V) |
|---|---|
| IC9801 | |
| 1 | 9.9 |
| 2 | 15.8 |
| 3 | 5.1 |
| 4 | 0 |
| 5 | 1.1 |
| 6 | 1.7 |
| 7 | 6.8 |
| 8 | 0 |
| IC9841 | |
| 1 | 8.3 |
| 2 | 15.8 |
| 3 | 3.4 |
| 4 | 0 |
| 5 | 1.0 |
| 6 | 1.3 |
| 7 | 3.2 |
| 8 | 0 |
| IC9861 | |
| 1 | 7.7 |
| 2 | 15.8 |
| 3 | 2.7 |
| 4 | 0 |
| 5 | 1.1 |
| 6 | 1.5 |
| 7 | 3.0 |
| 8 | 0 |
| IC9881 | |
| 1 | 0 |
| 2 | 4.4 |
| 3 | 3.5 |
| 4 | 0 |
| 5 | 0 |
| 6 | 0 |
| 7 | 0 |
| 8 | 9.2 |
| Q9801 | |
| E | 0 |
| C | 0 |
| B | 0.6 |

<PANEL I/F PWB>
[P.2-47 - P.2-48]

| MODE PIN NO. | DC (V) |
|---|---|
| IC5002 | |
| 1 | 3.2 |
| 2 | 1.5 |
| 3 | 3.3 |
| 4 | 0.6 |
| 5 | 0.8 |
| 6 | 0 |
| 7 | 1.0 |
| 8 | 0.9 |
| 9 | 3.3 |
| 10 | 0.6 |
| 11 | 0.1 |
| 12 | 0 |
| 13 | 0.8 |
| 14 | 0 |
| 15 | 3.3 |
| 16 | 0 |
| 17 | 3.2 |
| 18 | 3.2 |
| 19 | 3.1 |
| 20 | 2.9 |
| 21 | 0 |
| 22 | 0 |
| 23 | 0 |
| 24 | 0 |
| 25 | 0 |
| 26 | 0 |
| 27 | 0 |
| 28 | 0 |
| 29 | 3.3 |
| 30 | 0 |
| 31 | 2.0 |
| 32 | 0 |
| 33 | 0.6 |
| 34 | 1.0 |
| 35 | 3.3 |
| 36 | 1.3 |
| 37 | 1.3 |
| 38 | 0 |
| 39 | 1.0 |
| 40 | 0.3 |
| 41 | 3.3 |
| 42 | 0.9 |
| 43 | 3.3 |
| 44 | 0 |
| 45 | 0 |
| 46 | 0 |
| 47 | 0 |
| 48 | 0 |
| 49 | 3.3 |
| 50 | 1.3 |
| 51 | 0 |
| 52 | 0 |
| 53 | 0 |
| 54 | 1.0 |
| 55 | 3.3 |
| 56 | 2.2 |
| 57 | 0 |
| 58 | 0 |
| 59 | 0 |
| 60 | 0 |
| 61 | 0 |
| 62 | 0 |
| 63 | 0 |
| 64 | 0 |
| 65 | 0 |
| 66 | 0 |
| 67 | 3.2 |
| 68 | 1.6 |
| 69 | 0 |
| 70 | 0 |
| 71 | 0 |
| 72 | 0 |
| 73 | 0 |
| 74 | 1.4 |
| 75 | 3.3 |
| 76 | 2.3 |
| 77 | 1.6 |
| 78 | 0 |
| 79 | 2.3 |
| 80 | 2.1 |
| 81 | 3.3 |
| 82 | 2.2 |
| 83 | 2.0 |
| 84 | 0 |
| 85 | 1.1 |
| 86 | 0 |
| IC5005 | |
| 1 | 0.4 |
| 2 | 3.3 |
| 3 | 0.2 |
| 4 | 0.3 |
| IC5101 | |
| 1 | 6.3 |
| 2 | 23.9 |
| 3 | 1.6 |
| 4 | 0 |
| 5 | 1.2 |
| 6 | 0.7 |
| 7 | 3.2 |
| 8 | 0.1 |
| IC5111 | |
| 1 | 7.7 |
| 2 | 24.0 |
| 3 | 3.2 |
| 4 | 0 |
| 5 | 1.2 |

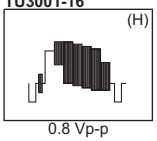
| MODE PIN NO. | DC (V) |
|---|---|
| 10 | 0.9 |
| 11 | 0.2 |
| 12 | 0 |
| 13 | 0.9 |
| 14 | 0 |
| 15 | 3.2 |
| 16 | 0 |
| 17 | 3.1 |
| 18 | 3.1 |
| 19 | 3.0 |
| 20 | 2.9 |
| 21 | 0 |
| 22 | 0 |
| 23 | 0 |
| 24 | 0 |
| 25 | 0 |
| 26 | 0 |
| 27 | 0 |
| 28 | 0 |
| 29 | 3.3 |
| 30 | 0 |
| 31 | 2.0 |
| 32 | 0 |
| 33 | 0.6 |
| 34 | 1.0 |
| 35 | 3.3 |
| 36 | 1.3 |
| 37 | 1.3 |
| 38 | 0 |
| 39 | 1.0 |
| 40 | 0.3 |
| 41 | 3.3 |
| 42 | 0.9 |
| 43 | 3.3 |
| 44 | 0 |
| 45 | 0 |
| 46 | 0 |
| 47 | 0 |
| 48 | 0 |
| 49 | 3.3 |
| 50 | 1.3 |
| 51 | 0 |
| 52 | 0 |
| 53 | 0 |
| 54 | 1.0 |
| 55 | 3.3 |
| 56 | 2.2 |
| 57 | 0 |
| 58 | 0 |
| 59 | 0 |
| 60 | 0 |
| 61 | 0 |
| 62 | 0 |
| 63 | 0 |
| 64 | 0 |
| 65 | 0 |
| 66 | 0 |
| 67 | 3.2 |
| 68 | 1.6 |
| 69 | 0 |
| 70 | 0 |
| 71 | 0 |
| 72 | 0 |
| 73 | 0 |
| 74 | 1.4 |
| 75 | 3.3 |
| 76 | 2.3 |
| 77 | 1.6 |
| 78 | 0 |
| 79 | 2.3 |
| 80 | 2.1 |
| 81 | 3.3 |
| 82 | 2.2 |
| 83 | 2.0 |
| 84 | 0 |
| 85 | 1.1 |
| 86 | 0 |
| IC5005 | |
| 1 | 0.4 |
| 2 | 3.3 |
| 3 | 0.2 |
| 4 | 0.3 |
| IC5101 | |
| 1 | 6.3 |
| 2 | 23.9 |
| 3 | 1.6 |
| 4 | 0 |
| 5 | 1.2 |
| 6 | 0.7 |
| 7 | 3.2 |
| 8 | 0.1 |
| IC5111 | |
| 1 | 7.7 |
| 2 | 24.0 |
| 3 | 3.2 |
| 4 | 0 |
| 5 | 1.2 |

| MODE PIN NO. | DC (V) |
|---|---|
| 6 | 0.8 |
| 7 | 3.2 |
| 8 | 1.1 |
| IC5121 | |
| 1 | 9.5 |
| 2 | 0 |
| 3 | 4.8 |
| 4 | 0 |
| 5 | 1.2 |
| 6 | 1.0 |
| 7 | 0 |
| 8 | 0 |
| IC5172 | |
| 1 | 3.3 |
| 2 | 0 |
| 3 | 1.5 |
| 4 | 3.3 |
| IC5181 | |
| 1 | 0.6 |
| 2 | 0 |
| 3 | 0 |
| 4 | 0 |
| 5 | 0 |
| 6 | 0 |
| 7 | 3.3 |
| 8 | 0 |
| 9 | 0 |
| 10 | 0 |
| 11 | 0 |
| 12 | 1.6 |
| 13 | 3.2 |
| 14 | 0 |
| 15 | 3.3 |
| 16 | 0 |
| 17 | 0 |
| 18 | 0.1 |
| 19 | 2.8 |
| 20 | 1.1 |
| 21 | 1.4 |
| 22 | 1.3 |
| 23 | 1.2 |
| 24 | 0 |
| 25 | 1.4 |
| 26 | 0 |
| 27 | 3.3 |
| 28 | 0 |
| 29 | 1.3 |
| 30 | 1.1 |
| 31 | 0 |
| 32 | 0 |
| 33 | 0.2 |
| 34 | 0.7 |
| 35 | 0.8 |
| 36 | 1.3 |
| 37 | 0 |
| 38 | 1.3 |
| 39 | 0 |
| 40 | 0.3 |
| 41 | 0.5 |
| 42 | 0.5 |
| 43 | 3.1 |
| 44 | 0.7 |
| 45 | 0 |
| 46 | 1.3 |
| 47 | 0 |
| 48 | 0.6 |
| 49 | 0.2 |
| 50 | 0.5 |
| 51 | 3.3 |
| 52 | 0.7 |
| 53 | 0 |
| 54 | 1.3 |
| 55 | 0 |
| 56 | 0 |
| 57 | 0 |
| 58 | 2.6 |
| 59 | 0 |
| 60 | 3.2 |
| 61 | 0.5 |
| 62 | 1.1 |
| 63 | 0.8 |
| 64 | 0.5 |
| Q5001 | |
| E | 0 |
| C | 0 |
| B | 3.3 |

# WAVEFORMS

RECEIVER PWB
(SHEET1)

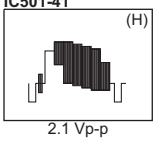
**TU3001-16**




0.8 Vp-p

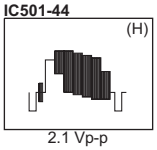
ANALOG SIGNAL PWB (1/5)
(SHEET2)

**IC501-41**



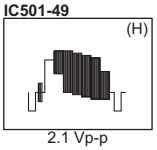

2.1 Vp-p

**IC501-44**



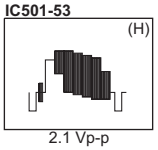

2.1 Vp-p

**IC501-49**



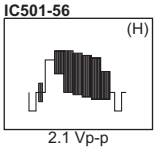

2.1 Vp-p

**IC501-53**



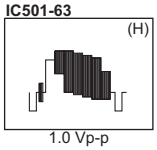

2.1 Vp-p

**IC501-56**




2.1 Vp-p

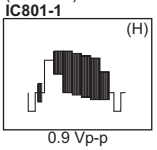
**IC501-63**




1.0 Vp-p

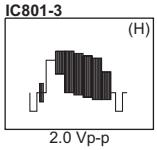
ANALOG SIGNAL PWB (2/5)
(SHEET3)

**IC801-1**



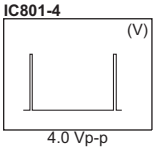

0.9 Vp-p

**IC801-3**



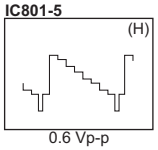

2.0 Vp-p

**IC801-4**



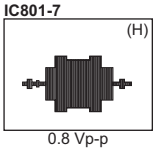

4.0 Vp-p

**IC801-5**



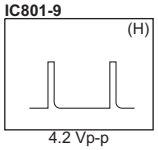

0.6 Vp-p

**IC801-7**



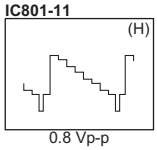

0.8 Vp-p

**IC801-9**



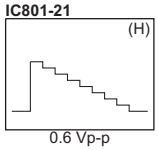

4.2 Vp-p

**IC801-11**



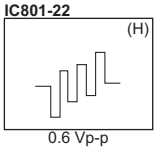

0.8 Vp-p

**IC801-21**



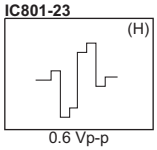

0.6 Vp-p

**IC801-22**



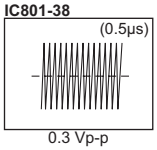

0.6 Vp-p

**IC801-23**



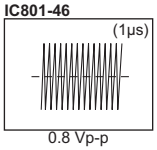

0.6 Vp-p

**IC801-38**



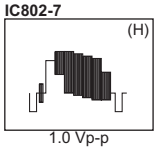

0.3 Vp-p

**IC801-46**



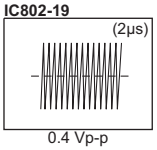

0.8 Vp-p

**IC802-7**



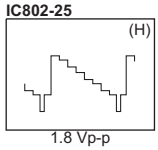

1.0 Vp-p

**IC802-19**



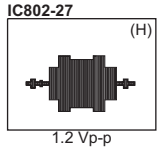

0.4 Vp-p

**IC802-25**




1.8 Vp-p

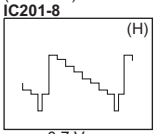
**IC802-27**




1.2 Vp-p

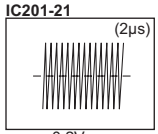
ANALOG SIGNAL PWB (3/5)
(SHEET4)

**IC201-8**



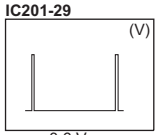

0.7 Vp-p

**IC201-21**



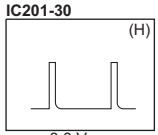

0.2Vp-p

**IC201-29**



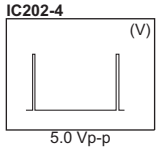

3.6 Vp-p

**IC201-30**



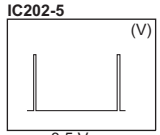

3.0 Vp-p

**IC202-4**



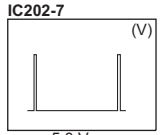

5.0 Vp-p

**IC202-5**



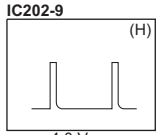

3.5 Vp-p

**IC202-7**



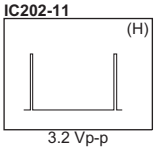

5.0 Vp-p

**IC202-9**



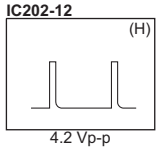

4.0 Vp-p

**IC202-11**



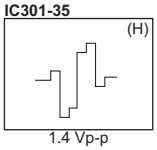

3.2 Vp-p

**IC202-12**



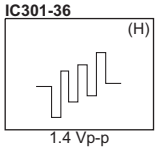

4.2 Vp-p

**IC301-35**



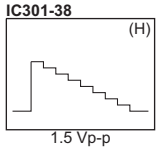

1.4 Vp-p

**IC301-36**



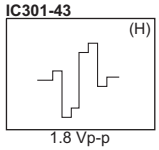

1.4 Vp-p

**IC301-38**



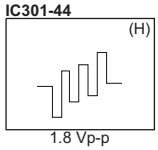

1.5 Vp-p

**IC301-43**



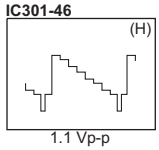

1.8 Vp-p

**IC301-44**




1.8 Vp-p

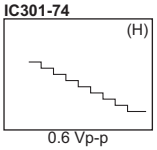
**IC301-46**




1.1 Vp-p

DIGITAL SIGNAL PWB (1/11)
(SHEET7)

**IC301-74**




0.6 Vp-p

**IC301-75**




0.6 Vp-p

**IC301-76**




0.6 Vp-p

**IC1502-1**




2.0 Vp-p

**IC1502-5**




1.7 Vp-p

**IC1502-7**




2.0 Vp-p

DIGITAL SIGNAL PWB (3/11)
(SHEET9)

**IC1001-6**




1.5 Vp-p

**IC1001-7**




6.0 Vp-p

**IC1001-58**




5.2 Vp-p

**IC1001-75**




3.1 Vp-p

**IC1001-76**




3.5 Vp-p

**IC1001-85**




0.4 Vp-p

**IC1001-92**




0.7 Vp-p

DIGITAL SIGNAL PWB (7/11)
(SHEET13)

**IC6502-27**




3.5 Vp-p

**IC6502-28**




3.5 Vp-p

**IC6502-31**




2.0 Vp-p

DIGITAL SIGNAL PWB (10/11)
(SHEET16)

**IC7001-23**




2.0 Vp-p

**IC7001-24**




3.6 Vp-p

**IC7001-78**




3.4 Vp-p

DIGITAL SIGNAL PWB (11/11)
(SHEET17)

**IC7501-102**




3.6 Vp-p

**IC7501-103**




3.6 Vp-p

**IC7501-108**




1.4 Vp-p

**IC7501-109**




1.2 Vp-p

**IC7501-121**




1.3 Vp-p

**IC7506-1**




3.8 Vp-p

**IC7506-2**




3.2 Vp-p

**IC7506-12**




3.6 Vp-p

**IC7506-13**




3.8 Vp-p

**IC7506-14**




3.4 Vp-p

**IC7506-15**




3.6 Vp-p

JVC

Victor Company of Japan, Limited
AV & MULTIMEDIA COMPANY DISPLAY CATEGORY 12, 3-chome, Moriya-cho, Kanagawa-ku, Yokohama-city, Kanagawa-prefecture, 221-8528, Japan

(No.YA360)

Printed in Japan
VPT